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RESEARCH ARTICLE

# Catalogue of Lepidoptera of Omsk Oblast (Russia). Macrolepidoptera. Families: Hepialidae, Brachodidae, Cossidae, Sesiidae, Limacodidae, Zygaenidae, Thyrididae, Drepanidae, Uraniidae, Geometridae, Lasiocampidae, Lemoniidae, Endromididae, Saturniidae, Sphingidae, Notodontidae, Lymantriidae, Arctiidae, Syntomidae, Erebidae, Nolidae, Noctuidae, Hesperiidae, Papilionidae, Pieridae, Lycaenidae, Nymphalidae, Satyridae

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## Abstract

A total of 972 species of Macrolepidoptera belonging to 28 families are reported for the territory of Omsk Oblast. The most numerous is Noctuidae family represented by 358 species, followed by Geometridae (252 species), Erebidae (48), Lycaenidae (42), Arctiidae (40), Nymphalidae (37), Satyridae and Notodontidae (27 species in each family), Pieridae, Sphingidae, Lasiocampidae (17 species in each family), Hesperiidae (15), Lymantriidae (13), Zygaenidae and Sesiidae (12 species in each family),

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Drepanidae (10), Nolidae (7), Cossidae (4), Papilionidae and Hepialidae (3 species in each family), Syntomidae, Saturniidae and Lemoniidae (2 species in each family), Endromididae, Uraniidae, Thyrididae, Limacodidae and Brachodidae (1 species in each family). A total of 13 species were registered in Omsk Oblast for the first time, among them *Pennisetia hylaeiformis* (Laspeyres, 1801), *Synanthedon martjanovi* Sheljuzhko, 1918, *Synanthedon spheciformis* ((Denis & Schiffermüller, 1775), *Synanthedon uralensis* (Bartel, 1906, *Bembecia* sp., *Chamaesphecia astatiformis* (Herrich-Schäffer, 1846), *Alcis jubata* (Thunberg, 1788), *Dysstroma infuscata* (Tengström, 1869), *Scopula tessellaria* (Boisduval, 1840), *Panchrysia deaurata* (Esper, 1787), *Amphipoea crinanensis* (Burrows, 1908), *Euxoa eruta* (Hübner, (1827), *Xestia sexstrigata* (Haworth, 1809). The list of doubtful and erroneously records is given.

**Keywords**
Russia, West Siberia, Omsk Oblast, Lepidoptera, Heterocera, Rhopalocera, Catalogue

## Introduction

The territory of Omsk Oblast is situated in the centre of Eurasia on the South of the West-Siberian Plain between 53°30'N–57°40'N and 70°30'E–76°00'E, covered more than 139,700 km$^2$. This region measures 600 km from north to south and 300 km from west to east. The Omsk Oblast borders with Tyumen region in the west, north-west and north, with Tomsk region in the northeast, with Novosibirsk region in the east (Russian Federation), and with the Republic of Kazakhstan in the south and south-west (Fig. 1). The territory of the Omsk Oblast is crossed from the south to the north by the river Irtysh. The characteristic features of the southern part of the West Siberian Lowland are clearly manifested on the territory of the Omsk Oblast, especially the exceptional plainness, uniformity of the relief, continental climate and a change in geographical landscapes. In the south is the steppe, gradually turning into steppe, forest and swampy taiga to the north. Significant bogging is also typical in the northern part of the territory with rare interspersing small sphagnum bogs in the forest-steppe zone, called ryams.

The beginning of the study of Lepidoptera in the Omsk Oblast was sterted in the works of the first entomologists-researchers of Siberia at the end of the 19th and beginning of the 20th centuries (Erschoff 1870; Tshugunov 1911; Vnukovsky 1926). The first attempt to inventory the Lepidoptera fauna of the Omsk Oblast was made by Sergey D. Lavrov at the beginning of the 19th century (Lavrov 1927). He cites 480 species of Lepidoptera (411 of them Macrolepidoptera), noted mainly in the city of Omsk and its immediate environs. Futhermore, this information was slightly supplemented by other researchers whose publications were based on episodic observations, or were mainly considered the harmful species (Bei-Bienko 1928; Vnukovsky 1930; Logatshev 1949; Shvetsova 1957; Afonskaya 1966). A new wave of faunistic researches in the region in the late 1990s and early 2000s gave a series of new publications on butterflies of the Omsk region (Kosterin 1998; Kosheleva 1999, 2001, 2006; Kosterin and Ponomarev 2002; Knyazev and Kosterin 2003; Kosterin et al. 2007). Occasional references to Omsk materials are found in fundamental works on Sibe-

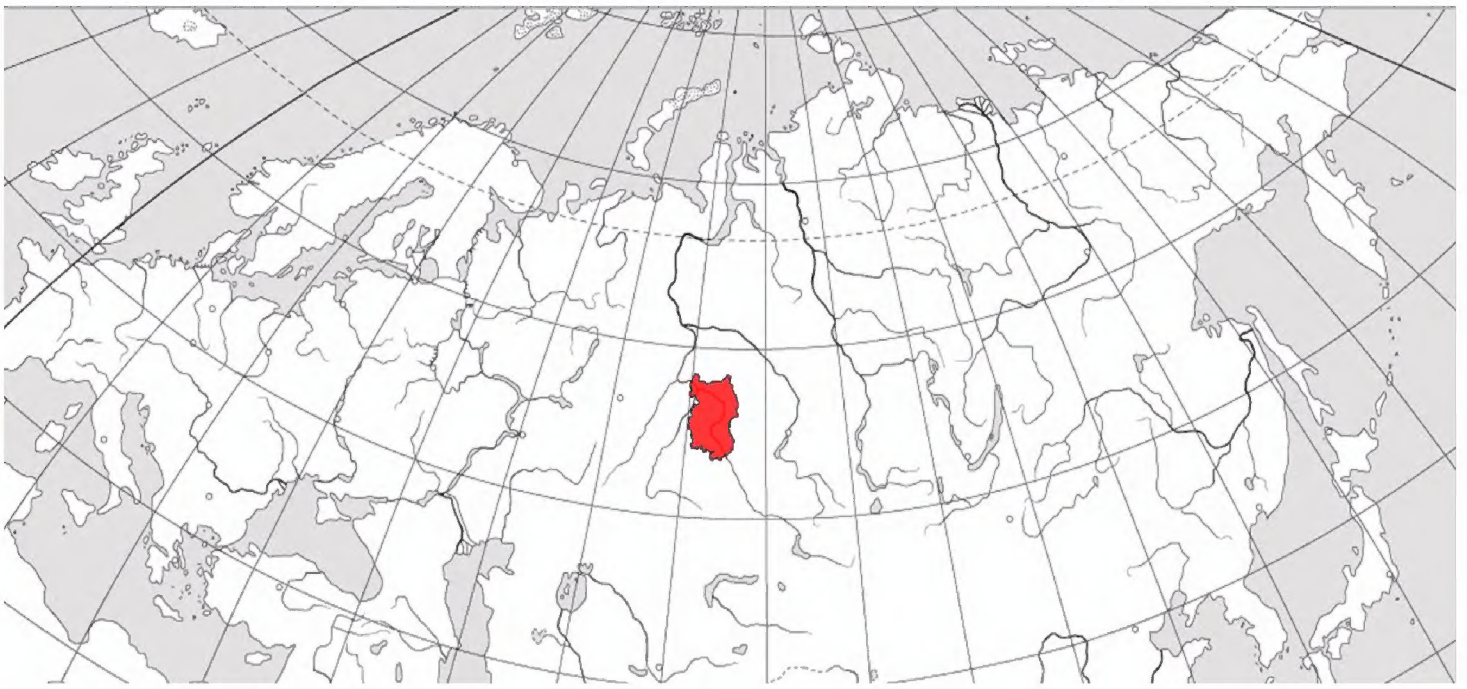

**Figure 1.** Location of the Omsk Oblast in Northern Eurasia

ria (Zolotarenko 1970; Zolotarenko and Dubatolov 2000; Korshunov 2002; Yakovlev 2004; Vasilenko 2006). During this period, the list of diurnal butterflies was completed (Knyzev 2009), and available data on moths families were initially compiled. Dirung 2005–2019 there was a surge in interest in the study of moths mainly caused by the improvement of the technical and information equipment of regional entomologists. This resulted in several representative reports on most groups of moths (Knyazev et al. 2010a, 2010b, 2010c, 2010d; 2011, 2012, 2013; 2015a, 2015b, 2016, 2017, 2019; Knyazev and Efetov 2014; Knyazev and Mironov 2015; Knyazev 2016).

## Material and methods

We analyzed all known faunistic publications on Lepidoptera of the Omsk Oblast from 1870 to 2019. The author private collection as the largest regional collection of Lepidoptera in the Omsk Oblast served as the principal database for compiling the catalog. The visual recordings of some species were also used.

The daylight species were collected by means of butterfly net, moths were attracting to the mercury lamps 250W, already with UV-traps, and most of the Sesiidae specimens were collected using pheromones.

The taxonomy is accepted according to the new edition of the Lepidoptera Catalog of Russia (Sinev 2019) with minor changes. We have included some information I the test for each species. This information was coded by REF – bibliographic references reported the species in the region; LOC – localities where the species was registered; FP – imago flight period (conventionally, months of flight are indicated in Roman numerals). Species firstly reported for the Omsk Oblast are marked by asterisk. The species are continuously numbered inside the catalogue; list of taxa erroneously or doubtfully indicated for this territory is given at the end of the main systematic list.

## Results

We confirmed the presence of 972 species belonging to 28 Macrolepidoptera families in Omsk Oblast. The most numerous is Noctuidae family represented by 358 species (Table 1), then Geometridae (252 species), Erebidae (48), Lycaenidae (42), Arctiidae (40), Nymphalidae (37), Satyridae and Notodontidae (27 species in each family), Pieridae, Sphingidae, Lasiocampidae (17 species in each family), Hesperiidae (15), Lymantriidae (13), Zygaenidae and Sesiidae (12 species in each family), Drepanidae (10), Nolidae (7), Cossidae (4), Papilionidae and Hepialidae (3 species in each family), Syntomidae, Saturniidae and Lemoniidae (2 species in each family), Endromididae, Uraniidae, Thyrididae, Limacodidae and Brachodidae (1 species in each family).

Below is the list of data localities presented in alphabetical order with geographical coordinates. The serial number of each locality corresponds to the number on the map (Fig. 2).

**Table 1.** Taxonomic diversity of Macrolepidoptera families in the Omsk Oblast (in systematic order)

| № | Families | Species | № | Families | Species |
|---|---|---|---|---|---|
| 1 | Hepialidae | 3 | 15 | Sphingidae | 17 |
| 2 | Brachodidae | 1 | 16 | Notodontidae | 27 |
| 3 | Cossidae | 4 | 17 | Lymantriidae | 13 |
| 4 | Sesiidae | 12 | 18 | Arctiidae | 40 |
| 5 | Limacodidae | 1 | 19 | Syntomidae | 2 |
| 6 | Zygaenidae | 12 | 20 | Erebidae | 48 |
| 7 | Thyrididae | 1 | 21 | Nolidae | 7 |
| 8 | Drepanidae | 10 | 22 | Noctuidae | 358 |
| 9 | Uraniidae | 1 | 23 | Hesperiidae | 15 |
| 10 | Geometridae | 252 | 24 | Papilionidae | 3 |
| 11 | Lasiocampidae | 17 | 25 | Pieridae | 17 |
| 12 | Lemoniidae | 2 | 26 | Lycaenidae | 42 |
| 13 | Endromididae | 1 | 27 | Nymphalidae | 37 |
| 14 | Saturniidae | 2 | 28 | Satyridae | 27 |

1. 23 km – Omsky district, 23 km of the road to Cherlack, 54°50'55.11"N, 73°32'29.05"E;
2. 2624 km – Lybinsky district, rail station 2624 km., 4 km SW of Mokshino vill., 55°19'19.18"N, 72°16'10.43"E;
3. Abakshikha – Bolsheukovsky district, 39 km NW of Bolshiye Uki vill., Abakshikha boundary, 57°16'18.59"N, 72°19'55.78"E;
4. Achair – Omsky district, Achair vill. vicinities, 54°38'50.52"N, 73°54'14.31"E;

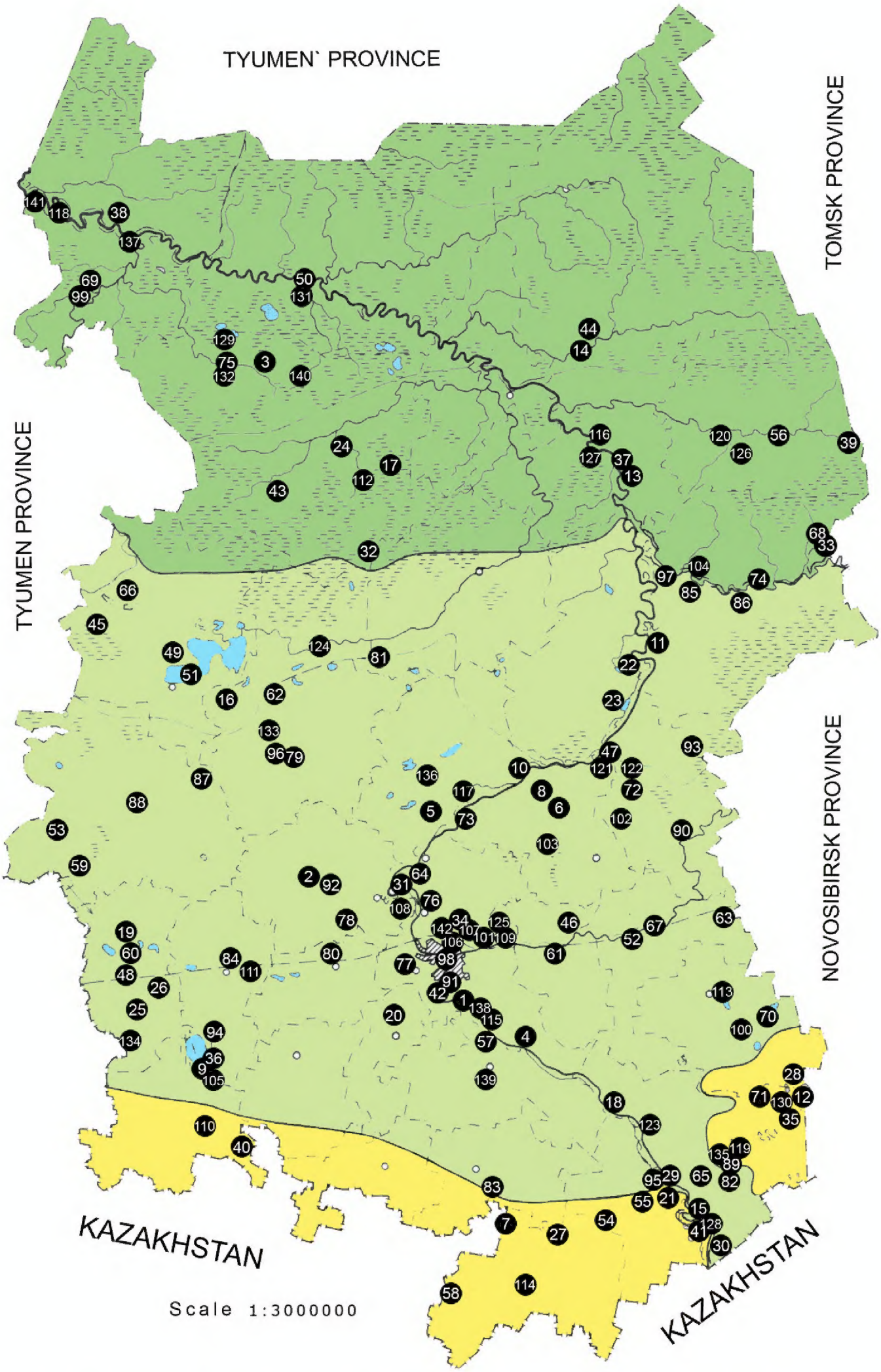


**Figure 2.** Collecting localities in Omsk Oblast. The numbers inside the circles correspond to the numbers of collection localities in the text. Dark green fill – forest zone; light green fill – forest-steppe zone; yellow fill – steppe zone

5. Aksenovo – Sargatsky district, Aksenovo vill. vicinities, 55°33'50.70"N, 73°16'54.80"E;
6. Aksyonovka – Gor`kovsky district, 3 km NE of Aksyonovka vill., 55°28'37.94"N, 74°1'27.19"E;
7. Alabota – Russko-Polyansky district, Alabota vill., lake Kumdykol`, 53°58'28.24"N, 73°45'1.22"E;
8. Alekseevskoye – Gorkovsky district, Alekseevskyi vill., 55°32'24.50"N, 74°3'38.66"E;
9. Amrinskaya Balka – Moskalensky district, 6 km SW of Gvozdevka vill., Amrinskaya Balka, 54°32'23.76"N, 71°47'43.02"E;
10. Andreevka – Sargatsky district, Andreevka vill. vicinities, 55°41'57.85"N, 73°50'59.45"E;
11. Artyn – Muromtsevsky district, Artyn vill., 56° 9'10.98"N, 74°45'27.97"E;
12. Ataichye – Cherlacksky district, 9 km NE of Dzhartargul` vill., Kurumbel`skaya steppe, lake Ataichye, 54°27'14.64"N, 75°40'0.39"E;
13. Atak – Tarsky district, Atak vill., 56°48'24"N, 74°38'36"E;
14. Atirka – Tarsky district, Atirka vill., 57°14'36.50"N, 74°15'45.90"E;
15. Atmas – Cherlacksky district, 2 km N of Malyi Atmas vill., river Irtysh, 54° 0'48.74"N, 74°56'39.91"E;
16. Atrachi – Tyukalinsky district, 4 km SW of Atrachi vill., 55°55'21.66"N, 71°58'3.72"E;
17. Basly – Bolsheukovsky district, 15 km SE of Basly vill., 56°56'42"N, 72°57'24"E;
18. Berdnikovo – Cherlacksky district, 2 km NE of Berdnikovo vill., 54°25'56.40"N, 74°27'32.16"E;
19. Berezka – Isil`kul`sky district, 2 km NE of child camping "Berezka", 55°05'30"N, 71°18'10"E;
20. Berezovka – Azovsky district, Berezovka vill. vicinities 54°47'52.81"N, 73°4'0.91"E;
21. Bogdanovka – Novovarshavsky district, 8 km SE of Novovarshavka vill., 3 km NE of Bogdanovka vill., river Irtysh, 54°06'32.4"N, 74°48'55.2"E;
22. Bolsherechye – Bolsherechensky district, Bolsherechye vill., 56° 4'32.53"N, 74°37'1.78"E;
23. Bolshiye Murly – Bolsherechensky district, Bolshiye Murly vill. vicinities, 55°56'7.88"N, 74°33'50.56"E;
24. Bolshiye Uki – Bolsheukovsky district, Bolshiye Uki vill., 56°55'37"N, 72°37'37"E;
25. Borovoye – Isil`kul`sky district, Borovoye vill., 54°46'19.90"N, 71°21'54.38"E;
26. Boyevoye – Isil`kulsky district, Boyevoye vill., 54°55'58.91"N, 71°26'32.83"E;
27. Buzan – Russko-Polyansky district, 2 km SE of Buzan vill., 53°54'40"N, 73°57'31"E;
28. Chebakly – Okoneshnikovsky district, 8 km NE of Leninsk vill., lake Chebakly, 54°34'49.92"N, 75°36'18.84"E;
29. Cherlack – Cherlacksky district, Cherlack vill., 54°9'1.89"N, 74°48'54.39"E;

30. Cherlack Station – Cherlacksky district, Cherlack rail station, 53°52'59.37"N, 75°5'44.21"E;
31. Chernoluchye – Omsky district, Chernoluchye vill., 55°15'6.76"N, 73° 1'30.95"E;
32. Chugunly – Bolsheukovsky district, Chugunly vill., 56°31'45.90"N, 72°44'29.20"E;
33. Danilovo – Muromtsevsky district, 3 km E of Kurganka vill., lake Danilovo, 56°25'45.27"N, 75°51'53.08"E;
34. Davydovka – Omsky district, 2 km N of Davydovka vill., 55°11'14"N, 73°29'47"E;
35. Dzhartargul` – Cherlacksky district, 1 km N of Dzhartargul` vill., 54°23'37.50"N, 75°34'26.93"E;
36. Ebeity – Moskalensky district, 6 km W of Gvozdevka vill., lake Ebeity, 54°35'27.89"N, 71°47'5.37"E;
37. Ekaterininskoye – Tarsky district, Ekaterininskoye vill., 56°52'59.44"N, 74°36'40.34"E;
38. Ekaterinovka – Ust-Ishimsky district, Ekaterinovka vill., 57°46'49.79"N, 71°4'55.95"E;
39. Elnichnoye – Sedelnikovsky district, 1 km S of Elnichnoye vill., river Ui, 56°54'38.46"N, 76° 9'32.94"E;
40. Eremeevka – Poltavsky district, Eremeevka vill., 54°17'14.00"N, 72° 2'8.00"E;
41. Ermak – Novovarshavsky district, Ermak vill., 53°56'33.01"N, 75° 0'50.49"E;
42. Fadino – Omsky district, gardens in Fadino vill., 54°47'12.48"N, 73°20'20.60"E;
43. Forpost – Bolsheukovsky district, Forpost vill., 56°47'14.97"N, 72° 9'50.07"E;
44. Grinevichi – Tarsky district, Grinevichi vill., 57°18'7.33"N, 74°17'41.46"E;
45. Gulyai Pole – Krutinsky district, 44 km NW of Krutinka vill., 5 km SW of Gulyai Pole vill., 56°13'30.08"N, 70°53'44.58"E;
46. Ignatovo – Kormilovsky district, Ignatovo vill., 55°03'53.00"N, 74°11'38.00"E;
47. Isakovka – Gorkovsky district, Isakovka vill. vicinities, 55°44'47.60"N, 74°25'28.07"E;
48. Isilkul` – Isil`kul`sky district, Isil`kul` town, 54°54'52.55"N, 71°15'46.01"E;
49. Kabanye – Krutinsky district, 1 km N of Kabanye vill., 56° 9'33.51"N, 71°29'40.59"E;
50. Kaingash – Tevrizsky district, Kaingash boundary, 57°32'58.67"N, 72°13'14.90"E;
51. Kalachiki – Krutinsky district, Kalachiki vill., 56° 3'22.25"N, 71°38'15.23"E;
52. Kalatshinsk – Kalatshinsky district, Kalatshinsk town vicinities, 55° 3'6.67"N, 74°34'9.87"E;
53. Kalmatskoye – Nazyvaevsky district, 3 km W of Kalmatskoye vill., lake Beloye, 55°27'41.54"N, 70°48'17.99"E;
54. Karatal – Russko-Polyansky district, Karatal vill., 53°59'30.30"N, 74°16'27.00"E;
55. Karazyuk – Novovarshavsky district, 4 km SE of Karazyuk, 54° 2'25.30"N, 74°35'30.63"E;

56. Keizes – Sedelnikovsky district, 8,5 km W of Keizes vill., river Stanovaya, 56°55'13,58"N, 75°34'40,31"E;
57. Kharlamovo – Tavrichesky district, Kharlamovo vill., 54°41'26.50"N, 73°37'44.57"E;
58. Khlebodarovka – Russko-Polyansky district, 8 km SW of Khlebodarovka vill., river Tleusai, 53°42'7.53"N, 73°25'11.71"E;
59. Knyazevo – Nazyvaevsky district, Knyazevo vill., 55°20'35.76"N, 70°59'30.04"E;
60. Kordon – Isil`kul`sky district, 1 km NE of Kordon N1, 55° 6'31.88"N, 71°18'12.33"E;
61. Kormilovka – Kormilovsky district, Kormilovka vill., 55° 0'17.54"N, 74° 5'33.67"E;
62. Koshkul` – Tyukalinsky district, 0,5 km N of Novyi Koshkul` vill., 56° 0'11.34"N, 72°20'42.12"E;
63. Kovalevo – Kalatshinsky district, Kovalevo vill. vicinities, 55° 4'37.42"N, 75°15'54.53"E;
64. Krasnoyarka – Omsky district, Krasnoyarka vill., 55°20'0.22"N, 73° 5'33.67"E;
65. Krasnyi Oktyabr` – Cherlacksky district, Krasnyi Oktyabr` vill., 54°06'59"N, 75°01'01"E;
66. Krasnyi Yar – Krutinsky district, 1 km W of Krasnyi Yar vill., Ir river, 56°22'53.13"N, 71° 4'2.92"E;
67. Krutye Luki – Kalatshinsky district, 1,5 km N of Krutye Luki, river Om`, 55° 9'44.80"N, 74°53'2.25"E;
68. Kurganka – Muromtsevsky district, Kurganka vill., 56°26'11.65"N, 75°49'36.69"E;
69. Kushma – Ust-Ishimsky district, 1 km SE of Kushma vill., 57°28'57.23"N, 70°55'20.19"E;
70. Lebyazhye – Okoneshnikovsky district, Lebyazhye vill. vicinities, lake Lebyazhye, 54°46'41.21"N, 75°27'30.43"E;
71. Leninsk – Okoneshnikovsky district, 4 km S of Leninsk vill., 54°29'53.56"N, 75°29'21.15"E;
72. Lesnoye – Gorkovsky district, Lesnoy vill., 55°35'24.61"N, 74°32'44.84"E;
73. Lezhanka – Gorkovsky district, Lezhanka vill. vicinities, 55°28'53.80"N, 73°27'35.41"E;
74. Linevo – Muromtsevsky district, 6,5 km S of Kondratyevo voll., lake Linevo, 72°44'29.20"N, 75°37'7.47"E;
75. Listvyagi – Bolsheukovsky district, Listvyagi vill., 57°14'11.26"N, 71°54'52.42"E;
76. Lugovaya – Omsky district, 1,5 km NE of Lugovaya vill., 55°14'52.16"N, 73°15'33.50"E;
77. Luzino – Omsky district, Luzino vill. vicinities, 54°56'57.29"N, 73° 2'8.82"E;
78. Lyubino – Lyubinsky district, Lyubino vill., 55° 9'37.44"N, 72°42'35.25"E;
79. Malinovka – Tyukalinsky district, Malinovka vill., 55°38'22.35"N, 72°31'11.72"E;

80. Maryanovka – Maryanovsky district, 2 km N of Maryanovka vill., 54°59'25.29"N, 72°36'41.68"E;
81. Merkutly – Kolosovsky district, 1 km N of Merkutly vill., 56° 6'23.19"N, 72°57'23.23"E;
82. Mikhailovka – Cherlacksky district, 8 km N of Mikhailovka vill., bog Kurumbel`, 54°13'26.55"N, 75°15'7.38"E;
83. Milogradovka – Pavlogradsky district, Milogradovka vill. vicinities, 54° 4'36.66"N, 73°40'51.92"E;
84. Moskalenki – Moskalensky district, 6 km NE of Moskalenki vill., lake Kamyshlovskoye, 54°58'48.20"N, 72°1'20.83"E;
85. Muromtsevo – Muromtsevsky district, Muromtsevo vill. vicinities, river Tara, 56°21'55.20"N, 75°16'23.86"E;
86. Mys – Muromtsevsky district, 1 km E of Mys vill., 56°20'29.40"N, 75°28'3.33"E;
87. Nalimovo – Nazyvaevsky district, 2,5 km NW Nalimovo vill., 55°39'23.89"N, 71°47'2.94"E;
88. Nazyvaevsk – Nazyvaevsky district, Nazyvaevsk town, 55°33'53.49"N, 71°21'27.71"E;
89. Nikolaevka – Cherlacksky district, 9 km SE Nikolaevka vill., 54°12'16.95"N, 75°7'55.70"E;
90. Nizhnyaya Omka – Nizhneomsky district, Nizhnyaya Omsk vill., 55°26'22.37"N, 74°56'55.40"E;
91. Novaya Stanitsa – Omsky district, Novaya Stanitsa vill., 54°50'0.23"N, 73°22'41.04"E;
92. Novokievskaya – Lyubinsky district, Novokievskaya rail station, 55°15'29.82"N, 72°21'54.67"E;
93. Novotroitskoye – Nizhneomsky district, 5 km SE of Novotroitskoye vill., 55°45'31.89"N, 75° 8'26.04"E;
94. Novotsaritsyno – Moskalensky district, Novotsaritsyno vill. vicinities, 54°38'42.39"N, 71°55'40.02"E;
95. Novovarshavka – Novovarshavsky district, 3 km E of Novovarshavka vill., river Irtysh, 54°10'0.80"N, 74°45'24.81E;
96. Oktyabrsky – Tyukalinsky district, 1 km SE of Oktyabrsky vill., 55°48'7.25"N, 72°14'25.62"E;
97. Okunevo – Muromtsevsky district, Okunevo vill., 56°26'39.43"N, 74°53'49.22"E;
98. Omsk – Omsk City, 55°1'38.96"N, 73°19'1.29"E;
99. Orekhovo – Ust-Ishimsky district, 2 km NE of Orekhovo vill., 57°28'3.37"N, 70°53'3.34"E;
100. Orlovka – Okoneshnikovsky district, 1 km N of Orlovka vill., 54°44'34.87"N, 75°17'5.72"E;
101. Partsyezd – Omsky district, XVIII Partsyezd vill., 55° 6'48.24"N, 73°38'30.30"E;
102. Pautovka – Nizhneomsky district, Pautovka vill., 55°29'18.75"N, 74°29'17.64"E;

103. Pavlodarovka – Gorkovsky district, Pavlodarovka vill., 55°16'5.05"N, 73°56'20.92"E;
104. Petropavlovka – Muromtsevsky district, Petropavlovka vill. vicinities, 56°24'46"N, 75°16'44"E;
105. Platovo – Poltavsky district, Platovo vill. vicinities, 54°29'51.04"N, 71°44'17.86"E;
106. Plemzavod – Omsky district, Plemzavod, 55° 5'25.61"N, 73°18'50.36"E;
107. Podgorodka – Omsky district, 2 km SW of Podgorodka vill., 55° 8'10.38"N, 73°30'42.90"E;
108. Politotdel – Lyubinsky district, 2 km W of Politotdel vill., 55°12'36.59"N, 73° 7'25.20"E;
109. Polovinka – Omsky district, gardens Polovinka, 55° 2'32.95"N, 73°48'16.43"E;
110. Poltavka – Poltavsky district, Poltavka vill., 54°22'0.17"N, 71°45'21.28"E;
111. Pomurino – Moskalensky district, 0,5 km S of Pomurino vill., 54°55'53.21"N, 72° 6'45.29"E;
112. Pospelovo – Bolsheukovsky district, 10 km S of Bolshiye Uki, 5 km W of Pospelovo vill., 56°51'17.14"N, 72°42'12.43"E;
113. Presnovka – Okoneshnikovsky district, Presnovka vill. vicinities, 54°48'0.94"N, 75°17'7.60"E;
114. Russkaya Polyana – Russko-Polyansky district, Russkaya Polyana vill., Park Yubileynyi, 53°46'29.60"N, 73°51'53.91"E;
115. Sad Komissarova – Omsky district, Komissarov garden, 54°44'0.22"N, 73°38'22.70"E;
116. Samsonovo – Tarsky district, 4 km N of Samsonovo vill., 57°0'47.38"N, 74°19'49.44"E;
117. Sargatka – Sargatsky district, Sargatskoye vill., 55°36'51.29"N, 73°28'58.91"E;
118. Saurgachi – Ust-Ishimsky district, Saurgachi vill., 57°45'45.40"N, 70°41'14.77"E;
119. Scholacksor – Cherlacksky district, 10 km SE of Preobrazhenka vill., lake Sholacksor, 54°16'21.24"N, 75°14'42.18"E;
120. Sedelnikovo – Sedelnikovsky district, 2 km N of Sedelnikovo vill., 56°58'22.33"N, 75°17'13.09"E;
121. Serebryanoye – Gorkovsky district, Serebryanoye vill. vicinities, river Irtysh, 55°43'0.29"N, 74°20'21.88"E;
122. Sidorovka – Nizhneomsky district, Sidorovka vill., 55°43'22.14"N, 74°33'40.72"E;
123. Solyanoye – Cherlacksky district, Solyanoye vill., Solyanoye vill., 54°21'4.40"N, 74°38'2.06"E;
124. Starosoldatskoye – Tyukalinsky district, Starosoldatskoye vill., 56°12'14.56"N, 72°36'3.24"E;
125. Syropyatskoye – Kormilovsky district, 5 km NE of Syropyatskoye vill., 55°5'25.44"N, 73°55'29.82"E;
126. Tambovka – Sedelnikovsky district, 0,5 km SE of Tambovka vill., 56°52'36.72"N, 75°23'59.66"E;

127. Tara – Tarsky district, Tara town, 56°52'55.57"N, 74°23'25.92"E;
128. Tatarka – Cherlacksky district, 2 km N of Tatarka vill., 53°58'58.47"N, 75°2'1.22"E;
129. Tavolzhan – Bolsheukovsky district, 10 km N of Listvyagi vill., lake Tavolzhan, 57°19'59.71"N, 71°50'10.99"E;
130. Terenkol` – Cherlacksky district, 7,5 km N of Dzartargul` vill., lake Terenkol`, 54°23'37.50"N, 75°34'26.93"E;
131. Tevriz – Tevrizsky district, Tevriz vill., 57°30'48.17N, 72°23'11.88"E;
132. Tshebatshikha – Bolsheukovsky district, Tshebatshikha vill., 57°11'50.30"N, 71°53'46.79"E;
133. Tyukalinsk – Tyukalinsky district, Tyukalinsk town, 55°52'10.44"N, 72°12'46.63"E;
134. Ukrainka – Isil`kul`sky district, 5 km S of Ukrainka vill., 54°37'10.80"N, 71°22'31.98"E;
135. Ul`zhai – Cherlacksky district, 6 km SE of Nikolaevka vill., lake Ul`zhai, 54°13'48.02"N, 75° 6'51.61"E;
136. Urusovo – Sargatsky district, 4 km SE of Urusovo vill., 55°37'46"N, 73°20'07"E;
137. Ust-Ishim – Ust-Ishimsky district, 5,5 km NW of Ust-Ishim vill., 57°43'01,17N", 71°03'57,93"E;
138. Ust-Zaostrovka – Omsky district, Ust-Zaostrovskoye forestry, 54°45'10.20"N, 73°42'40.89"E;
139. Veselye Roshi – Tavritshesky district, Veselye Roshi vill., 54°30'58.75"N, 73°33'1.74"E;
140. Yakovlevka – Bolsheukovsky district, 28 km NW of Bolshiye Uki vill., Yakovlevka boundary, river Tevriz, 57°10'38.79"N, 72°25'16.34"E;
141. Zagvazdino – Ust-Ishimsky district, Zagvazdino vill., 57°48'41.85"N, 70°33'5.41"E;
142. Zelenovka – Omsky district, Zelenovka vill. vicinities, 55° 7'49.35"N, 73°23'31.89"E.

## List of species

### Hepialidae

1. *Triodia sylvina* (Linnaeus, 1761) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki. FP: VII-VIII.
2. *Phymatopus hecta* (Linnaeus, 1758) – REF: Knyazev et al. 2010d; Red Book 2015. LOC: Listvyagi, Keizes. FP: VII.
3. *Hepialus humuli* (Linnaeus, 1758) – REF: Knyazev et al. 2010d. LOC: Listvyagi, Yakovlevka. FP: VII.

## Brachodidae

4. *Brachodes appendiculata* (Esper, 1783) – REF: Knyazev et al. 2015. LOC: Ataichye, Sholacksor, Atmas. FP: VI.

## Cossidae

Cossinae

5. *Cossus cossus* (Linnaeus, 1758) – REF: Lavrov 1927; Yakovlev 2004; Knyazev et al. 2010d. LOC: Bolshiye Uki, Artyn, Omsk, Ataichye, Atmas, Buzan. FP: VI-VII.
6. *Acossus terebra* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Yakovlev 2004, Knyazev et al. 2010d. LOC: Ust-Ishim, Abakshikha, Yakovlevka, Keizes, Petropavlovka, Knyazevo, Nalimovo, Isilkul`, Urusovo, Berezka, Davydovka, Buzan, Krasnyi Oktyabr`. FP: VI-VII.
7. *Paracossulus thrips* (Hübner, 1818) – REF: Yakovlev 2004; Knyazev et al. 2010d; Red Book 2015. LOC: Borovoye, Boyevoye, Solyanoye, Buzan. FP: VII-VIII.

Zeuzerinae

8. *Phragmataecia castaneae* (Hübner, 1790) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Gulyai Pole, Malinovka, Knyazevo, Koshkul`, Urusovo, Davydovka, Omsk, Leninsk, Krasnyi Oktyabr`, Atmas, Nikolaevka. FP: VI-VII.

## Sesiidae

Tinthiinae

9. **Pennisetia hylaeiformis* (Laspeyres, 1801) – LOC: Yakovlevka, Bolshiye Uki, Podgorodka. FP: VII-VIII.

Sesiinae

10. *Sesia apiformis* (Clerck, 1759) – REF: Lavrov 1927. LOC: Omsk, Sad Komissarova, Solyanoye, Atmas. FP: VII-VIII.

Paranthreninae

11. *Paranthrene tabaniformis* (Rottemburg, 1775) – REF: Lavrov 1927. LOC: Yakovlevka, Bolshiye Uki, Basly, Elnichnoye, Davydovka, Omsk, Amrinskaya Balka, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.

Synanthedoninae

12. *Synanthedon culiciformis* (Linnaeus, 1758) – REF: Lavrov 1927. LOC: Omsk. FP: VI.
13. *Synanthedon formicaeformis* (Esper, 1783) – REF: Lavrov 1927. LOC: Yakovlevka, Bolshiye Uki, Omsk, Atmas. FP: VI-VII.
14. **Synanthedon martjanovi* Sheljuzhko, 1918 – LOC: Omsk, Solyanoye, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
15. *Synanthedon scoliaeformis* (Borkhausen, 1789) – REF: Lavrov 1927. LOC: Omsk, Isilkul`, Krasnyi Oktyabr`. FP: VI-VII.
16. **Synanthedon spheciformis* ((Denis & Schiffermüller, 1775) – LOC: Bolshiye Uki, Krasnyi Oktyabr`. FP: VI.
17. *Synanthedon tipuliformis* (Clerck, 1759) – REF: Lavrov 1927. LOC: Omsk, Krasnyi Oktyabr`. FP: VI.
18. **Synanthedon uralensis* (Bartel, 1906) – LOC: Krasnyi Oktyabr`, Sholaksor. FP: VI.
19. **Bembecia* sp. – LOC: Omsk, Krasnyi Oktyabr`. FP: VII-VIII.
20. **Chamaesphecia astatiformis* (Herrich-Schäffer, 1846) – LOC: Serebryanoye, Omsk, Leninsk, Cherlack Station. FP: V-VI.

## Limacodidae

21. *Heterogenea asella* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2017. LOC: Samsonovo. FP: VI.

## Zygaenidae

Procridinae

22. *Rhagades pruni* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2015b. LOC: Knyazevo, Berezka, Davydovka, Krasnyi Oktyabr`. FP: VI-VII.
23. *Adscita statices* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2015b. LOC: Omsk, Krasnyi Oktyabr`, Buzan. FP: VII.
24. *Jordanita budensis* (Ad. & Aug. Speyer, 1858) – REF: Knyazev et al. 2015b. LOC: Omsk. FP: V-VI.
25. *Jordanita volgensis* (Möschler, 1862) – REF: Efetov and Knyazev 2014; Knyazev et al. 2015b; Knyazev 2016. LOC: Ebeity, Leninsk, Ul`zhai. FP: V-VI.

Zygaeninae

26. *Zygaena cynarae* (Esper, 1789) – REF: Knyazev et al. 2015b. LOC: Gulyai Pole, Berezka, Omsk. FP: VI-VII.

27. *Zygaena centaureae* Fischer de Waldheim, 1832 – REF: Knyazev et al. 2015b. LOC: Gulyai Pole, Kalmatskoye, Davydovka, Krasnyi Oktyabr`, Ul`zhai, Ataichye. FP: VII-VIII.
28. *Zygaena purpuralis* (Brünnich, 1763) – REF: Lavrov 1927; Knyazev et al. 2015b. LOC: Omsk, Orlovka, Ataichye, Krasnyi Oktyabr`, Ermak. FP: VI-VII.
29. *Zygaena carniolica* (Scopoli, 1763) – REF: Lavrov 1927; Knyazev et al. 2015b. LOC: Serebryanoye, Omsk, Cherlack, Krasnyi Oktyabr`. FP: VI-VII.
30. *Zygaena loti* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2015b. LOC: Omsk, Davydovka, Krasnyi Oktyabr`. FP: VI-VII.
31. *Zygaena osterodensis* Reiss, 1921 – REF: Knyazev et al. 2015b. LOC: Bolshiye Uki, Atak, Samsonovo, Sedelnikovo, Knyazevo, Kalmatskoye, Berezka, Politotdel, Davydovka, Omsk, Krasnyi Oktyabr`, Orlovka. FP: VI-VIII.
32. *Zygaena viciae* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2015b. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Kalmatskoye, Tyukalinsk, Davydovka, Krasnyi Oktyabr`. FP: VI-VII.
33. *Zygaena lonicerae* (Scheven, 1777) – REF: Lavrov 1927; Kosheleva 2006; Knyazev et al. 2015b. LOC: Kaingash, Ekaterininskoye, Tshebatshikha, Forpost; Samsonovo, Atirka, Gulyai Pole, Knyazevo, Kalmatskoye, Berezka, Politotdel, Krasnoyarka, Davydovka, Omsk, Orlovka, Krasnyi Oktyabr`. FP: VI-VII.

## Thyrididae

34. *Thyris fenestrella* (Scopoli, 1763) – REF: Knyazev et al. 2010d. LOC: Samsonovo, Davydovka. FP: V-VI.

## Drepanidae

Drepaninae

35. *Falcaria lacertinaria* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Atak, Petropavlovka, Gulyai Pole, Knyazevo, Davydovka, Omsk, Novotroitskoye, Buzan. FP: V-VIII.
36. *Drepana curvatula* (Borkhausen, 1790) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Gulyai Pole. FP: VI-VIII.
37. *Drepana falcataria* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Listvyagi, Sedelnikovo, Petropavlovka, Gulyai Pole, Urusovo, Knyazevo, Koshkul`, Omsk, Davydovka, Podgorodka, Novotroitskoye, Ebeity, Krasnyi Oktyabr`. FP: V-VIII.

38. *Sabra harpagula* (Esper, 1786) – REF: Knyazev et al. 2010d. LOC: Yakovlevka, Samsonovo, Sedelnikovo, Elnichnoye, Petropavlovka, Danilovo, Gulyai Pole, Davydovka, Krasnoyarka. FP: VI-VII.

Thyatirinae

39. *Thyatira batis* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Davydovka, Podgorodka, Omsk. FP: V-X.
40. *Tethea ocularis* (Linnaeus, 1767) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Samsonovo, Sedelnikovo, Elnichnoye, Basly, Petropavlovka, Gulyai Pole, Omsk, Buzan, Malyi Atmas, Ataichye. FP: V-VIII.
41. *Tethea or* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Urusovo, Omsk. FP: V-VII.
42. *Tetheella fluctuosa* (Hübner, 1803) – REF: Knyazev et al. 2010d. LOC: Abakshikha, Samsonovo, Sedelnikovo, Elnichnoye, Petropavlovka, Danilovo. FP: VI-VII.
43. *Ochropacha duplaris* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Urusovo, Davydovka, Omsk. FP: VI-IX.
44. *Achlya flavicornis* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Samsonovo, Bolshiye Uki, Petropavlovka, Gulyai Pole, Berezka, Ukrainka, Davydovka, Omsk, Krasnyi Oktyabr`, Tatarka, Buzan. FP: IV-V.

## Uraniidae

Epipleminae

45. *Eversmannia exornata* (Eversmann, 1837) – REF: Knyazev et al. 2010d; Red Book 2015. LOC: Listvyagi, Elnichnoye, Petropavlovka. FP: VII.

## Geometridae

Archiearinae

46. *Archiearis notha* (Hübner, 1803) – REF: Knyazev et al. 2010a. LOC: Samsonovo, Oktyabrskyi. FP: IV-V.
47. *Archiearis parthenias* (Linnaeus, 1761) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Yakovlevka, Samsonovo, Petropavlovka, Oktyabrskyi, Lezhanka, Davydovka, Podgorodka, Omsk, Berdnikovo, Krasnyi Oktyabr`, Tatarka, Buzan. FP: IV-V.

Ennominae

48. *Cabera exanthemata* (Scopoli, 1763) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Kushma, Orekhovo, Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Gulyai Pole, Berezka, Boyevoye, Borovoye, Syropyatskoye, Krasnoyarka, Davydovka, Omsk, Atmas. FP: VI-VII.
49. *Cabera leptographa* Wehrli, 1936 – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Gulyai Pole, Boyevoye, Ebeity, Atmas. FP: VI-VIII.
50. *Cabera pusaria* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Sedelnikovo, Petropavlovka, Mys, Gulyai Pole, Bolshiye Murly, Boyevoye, Borovoye, Davydovka, Omsk, Solyanoye, Atmas, Buzan. FP: V-VII.
51. *Eilicrinia cordiaria* (Hübner, 1790) – REF: Knyazev et al. 2010a. LOC: Omsk, Buzan, Nikolaevka. FP: V-VII.
52. *Lomographa bimaculata* (Fabricius, 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Sedelnikovo, Petropavlovka, Boyevoye, Bolshiye Murly, Omsk. FP: V-VI.
53. *Lomographa temerata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Petropavlovka, Podgorodka, Omsk. FP: V-VI.
54. *Odontopera bidentata* (Clerck, 1759) – REF: Knyazev et al. 2010a. LOC: Samsonovo, Sedelnikovo, Petropavlovka. FP: V-VII.
55. *Crocallis elinguaria* (Linnaeus, 1758) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Knyazevo, Boyevoye, Davydovka, Buzan, Krasnyi Oktyabr`, Atmas. FP: VII-IX.
56. *Petrophora chlorosata* (Scopoli, 1763) – REF: Knyazev et al. 2010a. LOC: Samsonovo, Petropavlovka, Omsk. FP: V-VI.
57. *Epirranthis diversata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a; Knyazev et al. 2016. LOC: Bolshiye Uki, Gulyai Pole. FP: IV-V.
58. *Selenia dentaria* (Fabricius, 1775) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Basly, Samsonovo, Atak, Keizes, Knyazevo, Omsk. FP: V-VI.
59. *Selenia lunularia* (Hübner, 1788) – REF: Lavrov 1927; Knyazev et al. 2011. LOC: Omsk, Krasnyi Oktyabr`, Amrinskaya Balka, Atmas, Nikolaevka. FP: VI.
60. *Selenia tetralunaria* (Hufnagel, 1767) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Atak, Petropavlovka, Gulyai Pole, Novotroitskoye, Knyazevo, Davydovka, Omsk, Tatarka. FP: IV-VIII.
61. *Pseudopanthera macularia* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Knyazevo, Boyevoye, Borovoye, Koshkul`, Davydovka, Omsk. FP: V-VI.
62. *Ceppis advenaria* (Hübner, 1790) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole. FP: V-VII.

63. *Plagodis dolabraria* (Linnaeus, 1767) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Boyevoye, Urusovo, Krasnoyarka, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`, Nikolaevka. FP: VI-VII.
64. *Plagodis pulveraria* (Linnaeus, 1758) – REF: Knyazev et al. 2011. LOC: Ust-Ishim, Samsonovo, Bolshiye Uki, Basly, Koshkul`, Gulyai Pole. FP: V-VI.
65. *Epione repandaria* (Hufnagel, 1767) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Gulyai Pole, Knyazevo, Atrachi, Boyevoye, Davydovka, Omsk, Atmas. FP: VII-IX.
66. *Epione vespertaria* (Linnaeus, 1767) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a; Knyazev et al. 2011. LOC: Bolshiye Uki, Samsonovo, Keizes, Gulyai Pole, Boyevoye, Omsk, Atmas. FP: VII-IX.
67. *Apeira syringaria* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Listvyagi, Bolshiye Uki, Samsonovo, Omsk. FP: VI-VII.
68. *Ennomos autumnaria* (Werneburg, 1859) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Listvyagi, Petropavlovka, Okunevo, Gulyai Pole, Knyazevo, Boyevoye, Atrachi, Davydovka, Omsk, Syropyatskoye, Ebeity, Atmas, Buzan. FP: VII-IX.
69. *Opisthograptis luteolata* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Bolshiye Murly, Krasnoyarka, Podgorodka, Omsk, Krasnyi Oktyabr`. FP: VI.
70. *Ourapteryx sambucaria* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010a; Knyazev et al. 2012. LOC: Samsonovo, Omsk, Atmas. FP: VII.
71. *Hylaea fasciaria* (Linnaeus, 1758) – REF: Knyazev et al. 2010a; Knyazev et al. 2011. LOC: Ust-Ishim, Samsonovo, Gulyai Pole, Berezka, Politotdel, Krasnoyarka, Davydovka. FP: VII-VIII.
72. *Charissa ambiguata* (Duponchel, 1830) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Davydovka, Krasnyi Oktyabr`, Solyanoye, Atmas. FP: VI-VII.
73. *Angerona prunaria* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Abakshikha, Samsonovo, Petropavlovka, Knyazevo, Boyevoye, Koshkul`, Lugovaya, Davydovka, Omsk, Solyanoye. FP: VI-VII.
74. *Hypoxystis pluviaria* (Fabricius, 1787) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Atak, Samsonovo, Tambovka, Petropavlovka, Gulyai Pole, Serebryanoye, Novotroitskoye, Knyazevo, Davydovka, Omsk, Berezovka, Berdnikovo, Alabota. FP: V-VI.
75. *Synopsia sociaria* (Hübner, 1799) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Urusovo, Krasnoyarka, Davydovka, Omsk, Amrinskaya Balka, Solyanoye, Krasnyi Oktyabr`, Nikolaevka, Atmas, Russkaya Polyana. FP: VI-VII.

76. *Chariaspilates formosaria* (Eversmann, 1837) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Gulyai Pole, Knyazevo. FP: VII.
77. *Aspitates mundataria* (Stoll, 1782) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Petropavlovka, Knyazevo, Pavlodarovka, Davydovka, Zelenovka, Omsk, Amrinskaya Balka, Ebeity, Leninsk, Alabota, Sholacksor, Kransyi Oktyabr`, Buzan, Khlebodarovka. FP: V-VII.
78. *Aspitates gilvaria* ([Denis & Schiffermüller], 1775) – REF: Tshugunov 1911; Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Omsk, Kalatshinsk, Ebeity, Krasnyi Oktyabr`, Ul`zhai, Dzhartargul`, Atmas. FP: VII-VIII.
79. *Aspitates albaria* (Bartel, 1903) – REF: Knyazev et al. 2013. LOC: Krasnogorka, Ebeity, Ermak, Leninsk, Ataichye, Ul`zhai, Karazyuk, Chebakly, Buzan. FP: V-VI.
80. *Siona lineata* (Scopoli, 1763) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Ekaterinovka, Sedelnikovo, Keizes, Petropavlovka, Muromtsevo, Gulyai Pole, Knyazevo, Borovoye, Boyevoye, Ignatovo, 2624 km, Koshkul`, Davydovka, Omsk, Krutye Luki, Ebeity, Solyanoye, Krasnyi Oktyabr`, Ataichye, Presnovka, Khlebodarovka. FP: V-VII.
81. *Biston betularia* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Boevoye, Borovoye, Podgorodka, Davydovka, Omsk, Krasnyi Oktyabr`, Solyanoye, Atmas. FP: VI-VIII.
82. *Biston strataria* (Hufnagel, 1767) – REF: Knyazev et al. 2013. LOC: Davydovka, Krasnyi Oktyabr`, Tatarka. FP: IV-V.
83. *Lycia hirtaria* (Clerck, 1759) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Pospelovo, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Ukrainka, Novotroitskoye, Davydovka, Omsk, Solyanoye, Tatarka. FP: IV-VI.
84. *Lycia pomonaria* (Hübner, 1790) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Listvyagi, Samsonovo, Petropavlovka. FP: IV.
85. *Ectropis crepuscularia* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Yakovlevka, Basly, Samsonovo, Atak, Petropavlovka, Knyazevo, Boevoye, Davydovka, Podgorodka. FP: V-VI.
86. *Cleora cinctaria* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Pospelovo, Bolshiye Uki, Atak, Keizes, Petropavlovka, Gulyai Pole, Boevoye, Novotroitskoye, Davydovka, Omsk, Solyanoye, Tatarka. FP: IV-VI.
87. *Bupalus piniaria* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Basly, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Gulyai Pole, Serebryanoye, Krasnoyarka, Chernoluchye, Podgorodka, Davydovka, Omsk, Kalatshinsk, Krasnyi Oktyabr`, Solyanoye, Sholaksor. FP: V-VII.

88. *Arichanna melanaria* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Basly, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Novovarshavka. FP: VI-VIII.
89. *Phigalia djakonovi* Moltrecht, 1933 – REF: Knyazev et al. 2013; Red Book 2015. LOC: Tatarka. FP: IV.
90. *Alcis deversata* (Staudinger, 1892) – REF: Knyazev et al. 2010a. LOC: Chebachikha, Abakshikha, Atak, Petropavlovka. FP: VII.
91. **Alcis jubata* (Thunberg, 1788) – LOC: Yakovlevka. FP: VII.
92. *Alcis repandata* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Yakovlevka, Samsonovo, Atak, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Berezka, Politotdel, Krasnoyarka, Krasnyi Oktyabr`. FP: VI-VIII.
93. *Ascotis selenaria* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Gulyai Pole, Knyazevo, Podgorodka, Davydovka, Omsk. FP: VI-VII.
94. *Spartopteryx kindermannaria* (Staudinger, 1871) – REF: Knyazev et al. 2010a; Knyazev et al. 2011; Knyazev et al. 2012. LOC: Davydovka, Alabota, Leninsk, Sholaksor, Nikolaevka, Atmas. FP: VI.
95. *Hypomecis punctinalis* (Scopoli, 1763) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Knyazevo, Koshkul`, Podgorodka, Davydovka, Omsk, Nikolaevka, Krasnyi Oktyabr`, Solyanoye, Atmas. FP: V-X.
96. *Hypomecis roboraria* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Yakovlevka, Abakshikha, Sedelnikovo, Atak, Petropavlovka, Gulyai Pole, Berezka, Knyazevo, Urusovo, Boevoye, Atrachi, Koshkul`, Politotdel, Davydovka, Omsk, Krasnyi Oktyabr`, Solyanoye. FP: VI-VIII.
97. *Ematurga atomaria* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Basly, Samsonovo, Ekaterininovka, Petropavlovka, Bol`shiye Murly, Gulyai Pole, Knyazevo, Boyevoye, Borovoye, Kulikovo, Krutye Luki, Koshkul`, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Solyanoye, Berdnikovo, Eremeevka, Buzan, Russkaya Polyana. FP: V-VIII.
98. *Deileptenia ribeata* (Clerck, 1759) – REF: Knyazev et al. 2013. LOC: Ust-Ishim, Yakovlevka, Samsonovo, Keizes. FP: VI-VII.
99. *Paradarisa consonaria* (Hübner, 1799) – REF: Lavrov 1927. LOC: Yakovlevka, Samsonovo, Sedelnikovo, Omsk. FP: V-VII.
100. *Parectropis similaria* (Hufnagel, 1767) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Sedelnikovo, Petropavlovka, Omsk. FP: VI-VII.
101. *Aethalura punctulata* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Atak, Keizes, Petropavlovka, Knyazevo, Boevoye, Novotroitskoye, Krutye Luki, Davydovka, Omsk, Solyanoye. FP: V-VI.

102. *Abraxas grossulariata* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Yakovlevka, Samsonovo, Atak, Petropavlovka, Knyazevo. FP: VII.
103. *Abraxas sylvata* (Scopoli, 1763) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Elnichnoye, Petropavlovka, Bolshiye Murly, Podgorodka, Omsk. FP: VI-VII.
104. *Stegania dalmataria* (Guenée, 1858) – REF: Knyazev et al. 2010a. LOC: Krasnyi Oktyabr`, Atmas, Bogdanovka. FP: V-VIII.
105. *Lomaspilis marginata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Urusovo, Bolshiye Murly, Boyevoye, Borovoye, Koshkul`, Krasnoyarka, Davydovka, Omsk, Krutye Luki, Solyanoye, Krasnyi Oktyabr`. FP: V-VII.
106. *Lomaspilis nigrita* Heydemann, 1936 – REF: Knyazev et al. 2010a (*Lomaspilis opis* Btl.). LOC: Samsonovo, Sedelnikovo, Petropavlovka, Davydovka. FP: VI-VII.
107. *Heliomata glarearia* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Knyazevo, Boyevoye, Borovoye, Urusovo, Serebryanoye, Davydovka, Omsk, Krutye Luki, Solyanoye, Krasnyi Oktyabr`, Cherlack, Atmas, Ataichye, Poltavka, Ebeity, Alabota, Buzan. FP: V-VII.
108. *Isturgia arenacearia* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Gulyai Pole, Urusovo, Boyevoye, Serebryanoye, Lugovaya, Davydovka, Omsk, Solyanoye, Orlovka, Atmas. FP: VI-VII.
109. *Isturgia murinaria* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Atak, Gulyai Pole, Knyazevo, Boyevoye, Borovoye, Lyubino, Eremeevka, Chernoluchye, Podgorodka, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`, Cherlack, Atmas, Terenkol`, Poltavka, Ebeity, Amrinskaya Balka, Karatal, Karazyuk, Alabota, Buzan. FP: V-VIII.
110. *Narraga fasciolaria* (Hufnagel, 1767) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Gulyai Pole, Davydovka, Krasnoyarka, Omsk, Orlovka, Ermak, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-VII.
111. *Narraga tessularia* (Metzner, 1845) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Knyazevo, Boyevoye, Novotroitskoye, Davydovka, Omsk, Krutye Luki, Ebeity, Krasnyi Oktyabr`, Atmas, Bogdanovka, Buzan. FP: V-VII.
112. *Digrammia rippertaria* (Duponchel, 1830) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Boyevoye, Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VI.
113. *Macaria alternata* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Yakovlevka, Sam-

sonovo, Petropavlovka, Knyazevo, Borovoye, Boyevoye, Omsk, Krasnyi Oktyabr`, Poltavka, Russkaya Polyana, Atmas. FP: VI-VII.

114. *Macaria artesiaria* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2012. LOC: Gulyai Pole, Davydovka, Omsk, Amrinskaya Balka. FP: VII-VIII.
115. *Macaria brunneata* (Thunberg, 1784) – REF: Knyazev et al. 2013. LOC: Ust-Ishim, Samsonovo, Gulyai Pole. FP: VII.
116. *Macaria carbonaria* (Clerck, 1759) – REF: Knyazev et al. 2013. LOC: Ust-Ishim, Gulyai Pole. FP: V-VI.
117. *Macaria continuaria* (Eversmann, 1852) – REF: Knyazev et al. 2013. LOC: Danilovo, Omsk. FP: VI.
118. *Macaria liturata* (Clerck, 1759) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Sedelnikovo, Petropavlovka, Berezka, Serebryanoye, Davydovka, Podgorodka, Omsk, Solyanoye, Cherlack, Krasnyi Oktyabr`. FP: V-VII.
119. *Macaria notata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Yakovlevka, Samsonovo, Sedelnikovo, Boyevoye, Bolshiye Murly, Eremeevka, Davydovka, Krasnoyarka, Omsk, Solyanoye. FP: VI-VIII.
120. *Macaria shanghaisaria* Walker, 1861 – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Muromtsevo, Gulyai Pole, Krasnoyarka, Omsk, Krasnyi Oktyabr`. FP: VI-VIII.
121. *Macaria signaria* (Hübner, 1809) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Listvyagi, Bolshiye Uki, Elnichnoye, Krasnyi Oktyabr`, Solyanoye. FP: VI-VII.
122. *Macaria wauaria* (Linnaeus, 1758) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Knyazevo, Boyevoye, Krasnoyarka, Krasnyi Oktyabr`. FP: VI-VIII.
123. *Chiasmia clathrata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Atak, Samsonovo, Abakshikha, Yakovlevka, Bolshiye Uki, Sedelnikovo, Keizes, Petropavlovka, Knyazevo, Boyevoye, Borovoye, Urusovo, Koshkul`, Serebryanoye, Eremeevka, Lyubino, Davydovka, Omsk, Krutye Luki, Krasnyi Oktyabr`, Atmas, Solyanoye, Nikolaevka, Bogdanovka, Buzan. FP: V-VIII.
124. *Chiasmia saburraria* (Eversmann, 1851) – REF: Knyazev et al. 2013. LOC: Krasnyi Oktyabr`, Atmas. FP: VI-VII.

Desmobathrinae

125. *Gypsochroa renitidata* (Hübner, 1817) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Davydovka, Omsk, Krasnyi Oktyabr`, Solyanoye, Boyevoye, Sholacksor. FP: VI-VII.

Geometrinae

126. *Geometra papilionaria* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Abakshikha, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, 2624 km, Urusovo, Berezka, Boyevoye, Pavlodarovka, Davydovka, Omsk. FP: VI-VII.
127. *Thetidia smaragdaria* (Fabricius, 1787) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Sedelnikovo, Knyazevo, Urusovo, Boyevoye, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Sholacksor, Atmas, Solyanoye, Alabota, Buzan. FP: VI-VIII.
128. *Hemistola chrysoprasaria* (Esper, 1795) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Omsk, Solyanoye. FP: VII.
129. *Jodis lactearia* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Samsonovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Podgorodka, Omsk. FP: V-VII.
130. *Jodis putata* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Basly, Samsonovo, Elnichnoye, Petropavlovka, Gulyai Pole, Koshkul`. FP: V-VI.
131. *Hemithea aestivaria* (Hübner, 1799) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Keizes, Boyevoye, Davydovka, Omsk, Solyanoye, Sholacksor, Buzan. FP: VI-VII.
132. *Thalera fimbrialis* (Scopoli, 1763) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Listvyagi, Pautovka, Gulyai Pole, Knyazevo, Boyevoye, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Ul`zhai, Ataichye, Buzan. FP: VI-VII.
133. *Chlorissa viridata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Nalimovo, Koshkul`, Boyevoye, Podgorodka, Davydovka, Omsk, Krutye Luki, Solyanoye, Krasnyi Oktyabr`, Cherlack, Atmas, Ataichye, Ul`zhai, Buzan. FP: VI-VII.
134. *Chlorissa cloraria* (Hübner, 1813) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Boyevoye. FP: VII.

Larentiinae

135. *Schistostege nubilaria* (Hübner, 1799) – REF: Lavrov 1927. LOC: Omsk, Amrinskaya Balka, Ataichye. FP: VI.
136. *Carsia sororiata* (Hübner, 1813) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Gulyai Pole. FP: VII-VIII.
137. *Lithostege farinata* (Hufnagel, 1767) – REF: Vnukovsky 1926; Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Sedelnikovo, Gulyai Pole, Knyazevo, Boyevoye, Borovoye, Lyubino, Omsk, Nikolaevka, Krasnyi Oktyabr`, Atmas, Russkaya Polyana, Buzan. FP: VI-VII.

138. *Acasis viretata* (Hübner, 1799) – REF: Knyazev et al. 2010a; Knyazev et al. 2016. LOC: Yakovlevka, Petropavlovka, Podgorodka. FP: V.
139. *Lobophora halterata* (Hufnagel, 1767) – REF: Vnukovsky 1926; Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Atak, Petropavlovka, Serebryanoye, Podgorodka, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`. FP: V-VI.
140. *Pterapherapteryx sexalata* (Retzius, 1783) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Koshkul`, Atrachi. FP: VI-VIII.
141. *Trichopteryx carpinata* (Borkhausen, 1794) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Ust-Ishim, Yakovlevka, Pospelovo, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Novotroitskoye, Ukrainka. FP: IV-V.
142. *Trichopteryx polycommata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2016. LOC: Samsonovo, Ukrainka. FP: IV.
143. *Scotopteryx chenopodiata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Berezka, Atrachi, Knyazevo, Nalimovo, Boyevoye, Borovoye, Lyubino, Chernoluchye, Davydovka, Omsk. FP: VII-VIII.
144. *Euphyia unangulata* (Haworth, 1809) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Abakshikha, Bolshiye Uki, Petropavlovka, Boyevoye, Krasnoyarka. FP: VI-VII.
145. *Spargania luctuata* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2011. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Omsk. FP: VI-VII.
146. *Phibalapteryx virgata* (Hufnagel, 1767) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Gulyai Pole, Atrachi, Boevoye, Serebryanoye, Novotroitskoye, Omsk, Krutye Luki, Ebeity, Solyanoye, Ul`zhai, Krasnyi Oktyabr`, Cherlack, Atmas, Alabota, Buzan. FP: V-VIII.
147. *Orthonama vittata* (Borkhausen, 1794) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Atak, Gulyai Pole, Boyevoye, Ebeity, Atmas, Buzan. FP: VI-VIII.
148. *Xanthorhoe biriviata* (Borkhausen, 1794) – REF: Knyazev et al. 2016. LOC: Abakshikha, Samsonovo, Keizes, Petropavlovka. FP: V-VI.
149. *Xanthorhoe designata* (Hufnagel, 1767) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Basly, Petropavlovka. FP: VI-VIII.
150. *Xanthorhoe ferrugata* (Clerck, 1759) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Abakshikha, Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Bolshiye Murly, Boyevoye, Borovoye, Lyubino, Krasnoyarka, Davydovka, Omsk, Solyanoye, Cherlack, Novovarshavka. FP: VI-VIII.
151. *Xanthorhoe fluctuata* (Linnaeus, 1758) – REF: Lavrov 1927; Bei-Bienko 1928; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Petropavlovka,

Muromtsevo, Knyazevo, Boyevoye, Borovoye, Krasnoyarka, Chernoluchye, Omsk, Poltavka, Solyanoye, Cherlack, Krasnyi Oktyabr`. FP: V-VIII.

152. *Xanthorhoe montanata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Listvyagi, Abakshikha, Yakovlevka, Bolshiye Uki, Atak, Keizes, Elnichnoye, Petropavlovka. FP: VI-VII.
153. *Xanthorhoe quadrifasiata* (Clerck, 1759) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Chebachikha, Atak, Petropavlovka, Gulyai Pole, Nalimovo, Berezka, Urusovo, Boyevoye, Krasnoyarka, Davydovka, Solyanoye, Cherlack. FP: VII.
154. *Xanthorhoe spadicearia* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Atak, Petropavlovka, Urusovo, Davydovka. FP: V-X.
155. *Catarhoe cuculata* (Hufnagel, 1767) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Berezka, Boyevoye, Lyubino, Urusovo, Davydovka, Krasnyi Oktyabr`. FP: VI-VIII.
156. *Catarhoe rubidata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Borovoye, Atmas. FP: VI-VII.
157. *Camptogramma bilineata* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Keizes, Petropavlovka, Muromtsevo, Gulyai Pole, Koshkul`. FP: VI-VIII.
158. *Costaconvexa polygrammata* (Borkhausen, 1794) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Gulyai Pole, Serebryanoye, Novotroitskoye, Davydovka, Omsk, Ebeity, Orlovka, Solyanoye, Krasnyi Oktyabr`, Cherlack, Atmas, Tatarka, Karazyuk, Buzan. FP: IV-IX.
159. *Epirrhoe alternata* (Müller, 1764) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Urusovo, Boyevoye, Borovoye, Davydovka, Omsk, Solyanoye, Nikolaevka, Cherlack, Krasnyi Oktyabr`, Atmas, Novovarshavka, Buzan. FP: VI-VIII.
160. *Epirrhoe hastulata* (Hübner, 1790) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Davydovka, Solyanoye. FP: V-VII.
161. *Epirrhoe pupillata* (Thunberg, 1788) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Petropavlovka, Gulyai Pole, Serebryanoye, Boyevoye, Davydovka, Omsk. FP: V-VII.
162. *Epirrhoe tartuensis* Möls, 1965 – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Atak, Petropavlovka, Boyevoye, Urusovo, Davydovka, Omsk. FP: VI-VII.
163. *Epirrhoe tristata* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Orekhovo, Ust-Ishim, Sedelnikovo, Petropavlovka, Urusovo, Davydovka, Omsk, Krasnyi Oktyabr`. FP: V-VI.
164. *Earophila badiata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a; Knyazev et al. 2016. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Pospelovo, Samsonovo, Atak, Keizes, Petropavlovka, Muromtsevo, Gulyai Pole, Krasnyi Yar, Novotroitskoye. FP: IV-VI.

165. *Anticlea derivata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Samsonovo, Keizes, Petropavlovka, Boyevoye, Podgorodka, Davydovka, Tatarka. FP: IV-VI.
166. *Mesoleuca albicillata* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Nazyvaevsk, Boyevoye, Borovoye, Lyubino, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`, Russkaya Polyana. FP: VI-VIII.
167. *Pelurga comitata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Okunevo, Gulyai Pole, Nazyvaevsk, Boyevoye, Borovoye, Lyubino, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`, Novovarshavka, Russkaya Polyana, Buzan. FP: VI-VIII.
168. *Hydriomena furcata* (Thunberg, 1784) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a; Knyazev et al. 2016. LOC: Listvyagi, Bolshiye Uki, Boyevoye, Ebeity, Atmas. FP: VII-VIII.
169. *Heterothera taigana* (Djakonov, 1926) – REF: Knyazev et al. 2019. LOC: Ust-Ishim. FP: VII.
170. *Thera obeliscata* (Hübner, 1787) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Atak, Keizes, Petropavlovka, Krasnoyarka, Davydovka, Omsk. FP: VII-VIII.
171. *Thera variata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2013. LOC: Bolshiye Uki, Omsk. FP: VI.
172. *Plemyria rubiginata* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927. LOC: Abakshikha, Omsk. FP: VII.
173. *Cidaria fulvata* (Forster, 1771) – REF: Knyazev et al. 2010a; Knyazev et al. 2016. LOC: Davydovka, Atmas. FP: VII.
174. *Electrophaes corylata* (Thunberg, 1792) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Bolshiye Murly, Boyevoye, Davydovka, Omsk, Solyanoye. FP: VI.
175. *Eustroma reticulata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka. FP: VII-VIII.
176. *Eulithis achatinellaria* (Oberthür, 1880) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Yakovlevka. Bolshiye Uki, Petropavlovka, Muromtsevo, Gulyai Pole, Boyevoye, Krasnyi Oktyabr`, Atmas, Buzan. FP: VIII-IX.
177. *Eulithis mellinata* (Fabricius, 1787) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Yakovlevka, Abakshikha, Bolshiye Uki, Knyazevo, Urusovo, Boyevoye, Krasnoyarka, Davydovka, Omsk, Solyanoye, Cherlack, Krasnyi Oktyabr`. FP: VI-VII.
178. *Eulithis populata* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010a; Knyazev et al. 2016. LOC: Samsonovo, Petropavlovka, Okunevo, Omsk, Atmas. FP: VIII.

179. *Eulithis prunata* (Linnaeus, 1758) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Lyubino. FP: VII-IX.
180. *Eulithis pyropata* (Hübner, 1809) – REF: Knyazev et al. 2010a. LOC: Yakovlevka, Bolshiye Uki, Petropavlovka. FP: VII.
181. *Eulithis testata* (Linnaeus, 1761) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Listvyagi, Boyevoye. FP: VII-VIII.
182. *Gandaritis pyraliata* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Basly, Samsonovo, Gulyai Pole, Omsk. FP: VII-VIII.
183. *Ecliptopera capitata* (Herrich-Schäffer, 1839) – REF: Knyazev et al. 2010a; Knyazev et al. 2015. LOC: Samsonovo, Petropavlovka, Danilovo. FP: VI.
184. *Ecliptopera silaceata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2013. LOC: Bolshiye Uki, Basly, Samsonovo, Sedelnikovo, Danilovo. FP: V-VI.
185. *Dysstroma citrata* (Linnaeus, 1761) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Petropavlovka, Okunevo, Muromtsevo. FP: VIII-X.
186. **Dysstroma infuscata* (Tengström, 1869) – LOC: Muromtsevo. FP: VIII-IX.
187. *Dysstroma truncata* (Hufnagel, 1767) – REF: Knyazev et al. 2010a. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka. FP: VII-IX.
188. *Colostygia pectinataria* (Knoch, 1781) – REF: Knyazev et al. 2010a. LOC: Abakshikha, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka. FP: VI-VII.
189. *Cosmorhoe ocellata* (Linnaeus, 1758) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Urusovo, Berezka, Boyevoye, Krasnoyarka, Davydovka. FP: VI-VII.
190. *Lampropteryx suffumata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Yakovlevka, Bolshiye Uki, Atak, Keizes, Petropavlovka. FP: V-VI.
191. *Philereme vetulata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2015. LOC: Davydovka, Atmas. FP: VI-VII.
192. *Rheumaptera undulata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Krasnoyarka, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`. FP: VII-VIII.
193. *Rheumaptera hastata* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Elnichnoye, Petropavlovka, Bolshiye Murly, Krasnoyarka, Podgorodka, Omsk, Krasnyi Oktyabr`. FP: V-VI.
194. *Rheumaptera subhastata* (Nolcken, 1870) – REF: Knyazev et al. 2016. LOC: Samsonovo, Koshkul`. FP: V-VI.
195. *Asthena albulata* (Hufnagel, 1767) – REF: Knyazev et al. 2015. LOC: Elnichnoye. FP: VI.

196. *Hydrelia flammeolaria* (Hufnagel, 1767) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka. FP: VI-VII.
197. *Hydrelia sylvata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Samsonovo, Sedelnikovo, Elnichnoye, Petropavlovka. FP: VI-VIII.
198. *Venusia blomeri* (Curtis, 1832) – REF: Knyazev et al. 2010a. LOC: Yakovlevka, Abakshikha, Samsonovo, Sedelnikovo, Petropavlovka. FP: VI-VII.
199. *Venusia cambrica* Curtis, 1839 – REF: Knyazev et al. 2013. LOC: Samsonovo. FP: VII.
200. *Gagitodes sagittata* (Fabricius, 1787) – REF: Knyazev et al. 2010a; Knyazev et al. 2011. LOC: Abakshikha, Samsonovo, Petropavlovka. FP: VI-VII.
201. *Martania taeniata* (Stephens, 1831) – REF: Knyazev et al. 2013. LOC: Abakshikha, Yakovlevka, Samsonovo, Keizes. FP: VII.
202. *Perizoma albulata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Orekhovo, Yakovlevka, Bolshiye Uki, Basly, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Nalimovo, Koshkul`. FP: VI-VII.
203. *Perizoma alchemillata* (Linnaeus, 1758) – Vasilenko 2006; Knyazev et al. 2010a. LOC: Abakshikha, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Knyazevo, Urusovo, Atrachi, Boyevoye, Borovoye, Lyubino, Krasnoyarka, Solyanoye. FP: V-VII.
204. *Perizoma bifaciata* (Haworth, 1809) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Okunevo, Atrachi, Boyevoye, Lyubino, Davydovka, Omsk, Ebeity, Kurumbel`, Atmas, Buzan. FP: VII-VIII.
205. *Perizoma blandiata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2013; Knyazev et al. 2016. LOC: Bolshiye Uki, Samsonovo. FP: VI-VII.
206. *Perizoma flavofasciata* (Thunberg, 1792) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Urusovo, Borovoye, Davydovka, Omsk, Solyanoye, Nikolaevka. FP: VI-VII.
207. *Perizoma hydrata* (Treitschke, 1829) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Abakshikha, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Davydovka. FP: VI-VII.
208. *Mesotype parallelolineata* (Retzius, 1783) – REF: Knyazev et al. 2010a. LOC: Bolshiye Uki, Atrachi. FP: VIII-IX.
209. *Chloroclystis v-ata* (Haworth, 1809) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Sedelnikovo, Elnichnoye. FP: VI-VII.
210. *Pasiphila chloerata* (Mabille, 1870) – REF: Knyazev et al. 2013. LOC: Samsonovo. FP: VI-VII.
211. *Pasiphila debiliata* (Hübner, 1817) – REF: Knyazev et al. 2013. LOC: Bolshiye Uki, Gulyai Pole. FP: VI.
212. *Pasiphila rectangulata* (Linnaeus, 1758) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Boyevoye, Omsk, Krasnyi Oktyabr`. FP: VI-VII.

213. *Eupithecia abietaria* (Goeze, 1781) – REF: Knyazev Mironov, 2015. LOC: Samsonovo, Sedelnikovo, Keizes. FP: VII.
214. *Eupithecia absinthiata* (Clerck, 1759) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Boyevoye, Lyubino, Omsk, Veselye Roshi, Buzan. FP: VII-VIII.
215. *Eupithecia actaeata* Walderdorff, 1869 – REF: Lavrov 1927. LOC: Omsk. FP: VI-VII.
216. *Eupithecia addictata* Dietze, 1908 – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Solyanoye, Krasnyi Oktyabr`. FP: VI-VII.
217. *Eupithecia analoga* Djakonov, 1926 – REF: Knyazev et al. 2016. LOC: Podgorodka. FP: VI.
218. *Eupithecia assimilata* Doubleday, 1856 – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Boyevoye, Davydovka. FP: VII.
219. *Eupithecia biornata* Christoph, 1867 – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Gulyai Pole, Knyazevo, Nalimovo, Boyevoye, Borovoye, Lyubino, Omsk, Solyanoye, Krasnyi Oktyabr`, Atmas, Bogdanovka, Buzan. FP: VI-VIII.
220. *Eupithecia carpophilata* Staudinger, 1897 – REF: Knyazev et al. 2010a. LOC: Omsk. FP: VII.
221. *Eupithecia centaureata* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Urusovo, Boyevoye, Borovoye, Lyubino, Krasnoyarka, Davydovka, Omsk, Ataichye, Atmas. FP: VI-VIII.
222. *Eupithecia denotata* (Hübner, 1813) – REF: Knyazev et al. 2013. LOC: Omsk. FP: VI.
223. *Eupithecia egenaria* Herrich-Schäffer, 1848 – REF: Knyazev et al. 2016. LOC: Podgorodka. FP: VI.
224. *Eupithecia exiguata* (Hübner, 1813) – REF: Knyazev et al. 2010a. LOC: Sedelnikovo, Petropavlovka. FP: V-VII.
225. *Eupithecia extensaria* (Freyer, 1845) – REF: Knyazev et al. 2010a. LOC: Serebryanoye, Omsk, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Ataichye, Bogdanovka, Buzan. FP: VI-VII.
226. *Eupithecia extraversaria* Herrich-Schäffer, 1852 – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Solyanoye. FP: VII.
227. *Eupithecia gelidata* Möschler, 1860 – REF: Knyazev Mironov, 2015. LOC: Gulyai Pole. FP: VI.
228. *Eupithecia icterata* (De Villers, 1789) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Gulyai Pole, Boyevoye, Borovoye, Lyubino, Krasnoyarka, Davydovka, Omsk, Solyanoye, Novovarshavka, Buzan. FP: VI-VIII.
229. *Eupithecia indigata* (Hübner, 1813) – REF: Knyazev et al. 2010a. LOC: Atak, Muromtsevo, Davydovka, Atmas. FP: V.

230. *Eupithecia innotata* (Hufnagel, 1767) – REF: Knyazev et al. 2010a. LOC: Omsk, Krasnyi Oktyabr`, Atmas. FP: V-VII.
231. *Eupithecia jezonica* Matsumura, 1927 – REF: Knyazev Mironov, 2015. LOC: Samsonovo. FP: VI-VIII.
232. *Eupithecia lanceata* (Hübner, 1825) – REF: Knyazev et al. 2019. LOC: Keizes. FP: V-VI.
233. *Eupithecia lariciata* (Freyer, 1842) – REF: Knyazev et al. 2010a. LOC: Samsonovo, Petropavlovka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.
234. *Eupithecia linariata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Petropavlovka, Urusovo, Boyevoye, Lyubino, Davydovka, Podgorodka, Omsk, Nikolaevka, Atmas, Buzan. FP: V-VIII.
235. *Eupithecia millefoliata* Rössler, 1866 – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Borovoye, Koshkul`, Lyubino, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`. FP: VI-VII.
236. *Eupithecia ochridata* Schütze & Pinker, 1968 – REF: Knyazev et al. 2010a. LOC: Petropavlovka, Davydovka, Krasnyi Oktyabr`, Bogdanovka, Buzan. FP: V.
237. *Eupithecia pimpinellata* (Hübner, 1813) – REF: Knyazev et al. 2013. LOC: Bolshiye Uki. FP: VII-VIII.
238. *Eupithecia plumbeolata* (Haworth, 1809) – REF: Knyazev et al. 2010a. LOC: Petropavlovka, Gulyai Pole, Davydovka. FP: VI-VII.
239. *Eupithecia satyrata* (Hübner, 1813) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Sedelnikovo, Petropavlovka, Boyevoye, Davydovka, Omsk, Krasnyi Oktyabr`, Alabota. FP: VI-VII.
240. *Eupithecia selinata* Herrich-Schäffer, 1861 – REF: Knyazev et al. 2013. LOC: Petropavlovka. FP: VII.
241. *Eupithecia simpliciata* (Haworth, 1809) – REF: Knyazev et al. 2010a. LOC: Petropavlovka, Boyevoye, Borovoye, Lyubino, Omsk, Solyanoye, Atmas. FP: VI-VIII.
242. *Eupithecia sinuosaria* (Eversmann, 1848) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Boyevoye, Omsk. FP: VI-VII.
243. *Eupithecia subfuscata* (Haworth, 1809) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Samsonovo, Sedelnikovo, Bolshiye Murly, Isilkul`, Davydovka, Ebeity. FP: VI-VII.
244. *Eupithecia suboxydata* Staudinger, 1897 – REF: Knyazev et al. 2010a. LOC: Davydovka. FP: VI.
245. *Eupithecia subumbrata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Gulyai Pole, Merkutly, Boyevoye, Davydovka, Omsk, Bogdanovka. FP: V-VII.
246. *Eupithecia succenturiata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Bolshiye Uki, Sedelnikovo,

Gulyai Pole, Knyazevo, Urusovo, Boyevoye, Lyubino, Davydovka, Omsk, Solyanoye, Cherlack, Novovarshavka. FP: VI-VIII.

247. *Eupithecia thalictrata* (Püngeler, 1902) – REF: Knyazev Mironov, 2015. LOC: Sedelnikovo, Gulyai Pole. FP: VII.
248. *Eupithecia trisignaria* Herrich-Schäffer, 1848 – REF: Knyazev et al. 2013. LOC: Samsonovo, Sedelnikovo. FP: VII-VIII.
249. *Eupithecia venosata* (Fabricius, 1787) – REF: Knyazev et al. 2010a. LOC: Abakshikha, Bolshiye Uke, Samsonovo, Petropavlovka, Davydovka. FP: VI-VII.
250. *Eupithecia vulgata* (Haworth, 1809) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Boyevoye, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`. FP: V-VII.
251. *Melanthia mandshuricata* (Bremer, 1864) – REF: Knyazev et al. 2017. LOC: Samsonovo. FP: VII.
252. *Melanthia procellata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a; Knyazev et al. 2011. LOC: Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo. FP: VI-VIII.
253. *Coenocalpe lapidata* (Hübner, 1809) – REF: Knyazev et al. 2010a. LOC: Yakovlevka, Samsonovo, Petropavlovka. FP: VIII-IX.
254. *Horisme aquata* (Hübner, 1813) – REF: Knyazev et al. 2010a. LOC: Krasnyi Oktyabr. FP: VII.
255. *Horisme tersata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010a. LOC: Abakshikha, Samsonovo, Elnichnoye, Petropavlovka, Danilovo, Koshkul`, Urusovo, Politotdel, Davydovka, Omsk. FP: VI-VIII.
256. *Horisme vitalbata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Solyanoye. FP: VII.
257. *Anticollix sparsata* (Treitschke, 1828) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Keizes, Boyevoye, Omsk, Solyanoye, Atmas. FP: VI-VIII.

Sterrhinae

258. *Rhodostrophia vibicaria* (Clerck, 1759) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Atak, Elnichnoye, Gulyai Pole, Knyazevo, Boevoye, Krasnoyarka, Lugovaya, Davydovka, Omsk, Syropyatskoye, Orlovka, Russkaya Polyana, Atmas. FP: VI-IX.
259. *Idaea aureolaria* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Koshkul`, Urusovo, Boevoye, Krasnoyarka, Davydovka, Omsk, Russkaya Polyana, Solyanoye, Atmas, Nikolaevka, Ataichye. FP: VI-VII.
260. *Idaea aversata* (Linnaeus, 1758) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Boevoye,

Borovoye, Davydovka, Omsk, Syropyatskoye, Solyanoye, Cherlack, Atmas. FP: VI-VIII.

261. *Idaea biselata* (Hufnagel, 1767) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Yakovlevka, Samsonovo, Petropavlovka, Muromtsevo, Okunevo, Boevoye, Davydovka, Omsk. FP: VII-VIII.
262. *Idaea descitaria* (Christoph, 1893) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Pautovka, Boevoye, Bolshiye Murly, Solyanoye, Bogdanovka, Buzan. FP: V-VIII.
263. *Idaea dimidiata* (Hufnagel, 1767) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Boevoye, Politotdel, Davydovka, Omsk, Novovarshavka. FP: VI-VIII.
264. *Idaea emarginata* (Linnaeus, 1758) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Berezka, Boevoye, Solyanoye. FP: VI-VII.
265. *Idaea mancipiata* (Staudinger, 1871) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Borovoye. FP: VII.
266. *Idaea muricata* (Hufnagel, 1767) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Yakovlevka, Sedelnikovo, Urusovo, Knyazevo, Boevoye, Davydovka, Omsk, Solyanoye. FP: VI-VIII.
267. *Idaea nitidata* (Herrich-Schäffer, 1861) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Boevoye, Urusovo. FP: V-VI.
268. *Idaea pallidata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Kushma, Gulyai Pole, Urusovo, Boevoye, Borovoye, Koshkul`, Davydovka, Omsk, Kalatshinsk, Krutye Luki, Ebeity, Amrinskaya Balka, Solyanoye, Krasnyi Oktyabr`, Cherlack, Nikolaevka, Atmas. FP: V-VII.
269. *Idaea rusticata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Boevoye, Omsk, Solyanoye, Atmas. FP: VI-VIII.
270. *Idaea sericeata* (Hübner, 1813) – REF: Knyazev et al. 2015. LOC: Cherlack, Krasnyi Oktyabr`, Ataichye, Sholaksor, Ul`zhai. FP: VI.
271. *Idaea serpentata* (Hufnagel, 1767) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Chebachikha, Bolshiye Uki, Samsonovo, Sedelnikovo, Muromtsevo, Gulyai Pole, Politotdel, Davydovka, Orlovka. FP: VII-VIII.
272. *Idaea straminata* (Borkhausen, 1794) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Gulyai Pole, Boevoye, Borovoye, Lyubino, Omsk, Solyanoye, Cherlack. FP: VI-VIII.
273. *Idaea sylvestraria* (Hübner, 1799) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Gulyai Pole, Boevoye, Omsk, Atmas. FP: VII-VIII.
274. *Limeria macraria* Staudinger, 1892 – REF: Knyazev et al. 2019. LOC: Buzan. FP: VIII.
275. *Scopula beckeraria* (Lederer, 1853) – REF: Knyazev et al. 2010a. LOC: Boyevoye, Borovoye, Lyubino, Solyanoye, Atmas. FP: VI-IX.
276. *Scopula caricaria* Reutti, 1853 – REF: Knyazev et al. 2013. LOC: Yakovlevka, Samsonovo, Sedelnikovo, Petropavlovka. FP: VI-VII.

277. *Scopula corrivalaria* (Kretschmar, 1862) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Listvyagi, Yakovlevka, Samsonovo, Petropavlovka, Muromtsevo, Boyevoye. FP: VI-VIII.
278. *Scopula decorata* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2011. LOC: Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-VIII.
279. *Scopula floslactata* (Haworth, 1809) – Knyazev et al. 2010a. LOC: Yakovlevka, Sedelnikovo, Danilovo, Gulyai Pole, Bolshiye Murly, Krasnoyarka, Podgorodka, Davydovka, Omsk, Orlovka, Krasnyi Oktyabr`. FP: VI-VII.
280. *Scopula immorata* (Linnaeus, 1758) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Orekhovo, Kushma, Ekaterinovka, Sedelnikovo, Petropavlovka, Gulyai Pole, Urusovo, Koshkul`, Boyevoye, Davydovka, Omsk, Krasnyi Oktyabr`, Nikolaevka. FP: VI-VII.
281. *Scopula immutata* (Linnaeus, 1758) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Basly, Samsonovo, Sedelnikovo, Keizes, Gulyai Pole, Boyevoye, Borovoye, Davydovka, Omsk. FP: V-VIII.
282. *Scopula nemoraria* (Hübner, 1799) – REF: Knyazev et al. 2015. LOC: Yakovlevka, Abakshikha, Samsonovo, Danilovo. FP: VI-VII.
283. *Scopula nigropunctata* (Hufnagel, 1767) – REF: Knyazev et al. 2013. LOC: Abakshikha, Keizes, Gulyai Pole, Omsk. FP: VI-VII.
284. *Scopula ornata* (Scopoli, 1763) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Petropavlovka, Nalimovo, Boyevoye, Borovoye, Omsk, Krutye Luki, Ebeity, Amrinskaya Balka, Orlovka, Ataichye, Nikolaevka, Buzan. FP: VI-IX.
285. *Scopula rubiginata* (Hufnagel, 1767) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Abakshikha, Bolshiye Uki, Urusovo, Knyazevo, Boyevoye, Borovoye, Lyubino, Davydovka, Omsk, Solyanoye, Krasnyi Oktyabr`, Cherlack, Atmas, Ul`zhai. FP: VI-IX.
286. *Scopula subpunctaria* (Herrich-Schäffer, 1847) – REF: Knyazev et al. 2013. LOC: Gulyai Pole. FP: VI-VII.
287. *Scopula ternata* Schrank, 1802 – REF: Knyazev et al. 2010a. LOC: Samsonovo, Elnichnoye, Petropavlovka, Koshkul`. FP: VI-VII.
288. **Scopula tessellaria* (Boisduval, 1840) – LOC: Nikolaevka. FP: VI.
289. *Scopula umbelaria* (Hübner, 1813) – REF: Knyazev et al. 2010a. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Sedelnikovo, Gulyai Pole, Koshkul`, Krasnoyarka, Davydovka. FP: VI-VII.
290. *Scopula virgulata* ([Denis & Schiffermüller], 1775) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Gulyai Pole, Boyevoye, Davydovka, Krutye Luki, Solyanoye, Krasnyi Oktyabr`, Orlovka. FP: VI-VIII.
291. *Cyclophora albiocellaria* (Hübner, 1789) – REF: Knyazev et al. 2010a. LOC: Podgorodka, Omsk, Atmas. FP: V-VIII.

292. *Cyclophora albipunctata* (Hufnagel, 1767) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Petropavlovka, Gulyai Pole, Atrachi, Boevoye, Davydovka. FP: V-VIII.
293. *Cyclophora pendularia* (Clerck, 1759) – REF: Vasilenko 2006; Knyazev et al. 2010a. LOC: Danilovo, Boevoye, Davydovka, Solyanoye. FP: V-VII.
294. *Timandra comae* Schmidt, 1931 – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Ust-Ishim, Yakovlevka, Samsonovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Atrachi, Urusovo, Knyazevo, Koshkul`, Boevoye, Borovoye, Politotdel, Lyubino, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Nikolaevka, Solyanoye, Atmas, Alabota, Russkaya Polyana, Buzan. FP: V-IX.
295. *Lythria cruentaria* (Hufnagel, 1767) – REF: Knyazev et al. 2010a. LOC: Lugovaya, Krasnyi Oktyabr`, Ul`zhai. FP: V-VIII.
296. *Lythria purpuraria* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Knyazevo, Boyevoye, Borovoye, Lyubino, Eremeevka, Novotroitskoye, Zelenovka, Davydovka, Omsk, Leninsk, Solyanoye, Ul`zhai, Krasnyi Oktyabr`, Atmas, Karazyuk, Alabota, Buzan, Russkaya Polyana. FP: IV-VIII.
297. *Casilda antophillaria* (Hübner, 1813) – REF: Lavrov 1927; Vasilenko 2006; Knyazev et al. 2010a. LOC: Boevoye, Maryanovka, Omsk, Ebeity, Krasnyi Oktyabr`, Solyanoye, Atmas, Ul`zhai, Buzan. FP: VI-VIII.

**Lasiocampidae**

Poecilocampinae

298. *Trichiura crataegi* (Linnaeus, 1758) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki, Petropavlovka, Ul`zhai. FP: VII-IX.
299. *Poecilocampa populi* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Listvyagi, Bolshiye Uki, Samsonovo, Gulyai Pole, Davydovka, Omsk, Krasnyi Oktyabr`. FP: IX-X.

Malacosominae

300. *Malacosoma castrense* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Knyazevo, Davydovka, Omsk, Leninsk, Krasnyi Oktyabr`, Sholacksor, Karazyuk. FP: VI-VII.

Lasiocampinae

301. *Eriogaster lanestris* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d; Knyazev et al. 2012. LOC: Petropavlovka, Berezka, Omsk, Ul`zhai, Tatarka, Ermak. FP: IV.

302. *Lasiocampa quercus* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Atak, Gulyai Pole, Davydovka, Omsk, Ataichye, Atmas, Ermak, Buzan. FP: VI-VII.
303. *Lasiocampa trifolii* ([Denis & Schiffermüller], 1775) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Serebryanoye, Davydovka, Omsk, Krutye Luki, Ul`zhai, Krasnyi Oktyabr`, Ermak. FP: VIII.
304. *Macrothylacia rubi* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Abakshikha, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Serebryanoye, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: V-VII.
305. *Euthrix potatoria* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Yakovlevka, Bolshiye Uki, Basly, Atak, Sedelnikovo, Keizes, Gulyai Pole, Knyazevo, Nalimovo, Berezka, Bolshiye Murly, Davydovka, Omsk. FP: VI-VIII.
306. *Cosmotriche lobulina* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010d. LOC: Listvyagi, Keizes, Petropavlovka. FP: VII-VIII.
307. *Gastropacha populifolia* (Esper, 1784) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Knyazevo, Omsk, Ul`zhai, Atmas. FP: VI-IX.
308. *Gastropacha quercifolia* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Keizes, Petropavlovka, Gulyai Pole, Urusovo, Knyazevo, Davydovka, Omsk, Atmas. FP: VI-VIII.
309. *Phyllodesma ilicifolium* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Petropavlovka, Omsk. FP: V-VI.
310. *Phyllodesma japonicum* (Leech, 1889) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Atak, Petropavlovka, Muromtsevo, Novotroitskoye, Kabanye. FP: V.
311. *Phyllodesma tremulifolium* (Hübner, 1810) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Knyazevo, Serebryanoye, Podgorodka, Davydovka, Omsk, Ebeity, Bogdanovka, Ul`zhai, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VI.
312. *Dendrolimus pini* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Petropavlovka, Gulyai Pole, Knyazevo, Krasnoyarka, Podgorodka, Omsk. FP: VI-VII.
313. *Dendrolimus superans* (Butler, 1881) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Abakshikha, Yakovlevka, Bolshiye Uki, Sedelnikovo, Keizes, Knyazevo, Omsk, Sholacksor, Atmas, Novovarshavka, Buzan. FP: VII.
314. *Odonestis pruni* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Abakshikha, Bolshiye Uki, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Atrachi, Krasnoyarka, Davydovka, Omsk, Ul`zhai, Atmas. FP: VI-VIII.

## Lemoniidae

315. *Lemonia dumi* (Linnaeus, 1761) – REF: Knyazev et al. 2010d. LOC: Pomurino, Ul`zhai, Krasnyi Oktyabr`, Atmas, Ermak. FP: IX-X.

316. *Lemonia taraxaci* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Berezka, Omsk, Krasnyi Oktyabr`, Ul`zhai, Ermak, Buzan. FP: VIII.

## Endromididae

317. *Endromis versicolora* (Linnaeus, 1758) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Pospelovo, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Starosoldatskoye, Oktyabrskyi, Ukrainka, Krasnoyarka, Davydovka, Krasnyi Oktyabr`, Terenkol`, Ul`zhai, Tatarka, Buzan. FP: IV-V.

## Saturniidae

318. *Aglia tau* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Abakshikha, Bolshiye Uki, Basly, Samsonovo, Atak, Petropavlovka, Muromtsevo, Knyazevo, Sargatka, Bolsherechye, Podgorodka, Davydovka, Omsk, Ebeity. FP: V-VI.
319. *Eudia pavonia* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d; Red Book 2006, 2015. LOC: Ust-Ishim, Bolshiye Uki, Tara, Starosoldatskoye, Gulyai Pole. FP: IV-VI.

## Sphingidae

Smerinthinae

320. *Laothoe amurensis* (Staudinger, 1892) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Keizes, Elnichnoye, Petropavlovka, Knyazevo, Berezka, Urusovo, Davydovka, Omsk, Krasnyi Oktyabr`. FP: V-VIII.
321. *Laothoe populi* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Yakovlevka, Bolshiye Uki, Atak, Keizes, Petropavlovka, Knyazevo, Berezka, Davydovka, Omsk, Amrinskaya Balka, Krasnyi Oktyabr`, Atmas. FP: VI-VII.
322. *Smerinthus caecus* Ménétriés, 1857 – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Abakshikha, Yakovlevka, Bolshiye Uki, Basly, Samsonovo, Atak, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Koshkul`, Krasnoyarka, Davydovka, Podgorodka, Omsk, Atmas, Ermak. FP: V-VII.
323. *Smerinthus ocellatus* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Davydovka, Omsk, Amrinskaya Balka, Ataichye, Krasnyi Oktyabr`, Atmas, Nikolaevka, Bogdanovka, Ermak, Buzan. FP: V-VII.
324. *Mimas tiliae* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 2006; Knyazev et al. 2010d. LOC: Listvyagi, Bolshiye Uki, Basly, Petropavlovka, Muromtsevo, Knyazevo, Berezka, Urusovo, Serebryanoye, 2624

km, Davydovka, Omsk, Amrinskaya Balka, Sholacksor, Nikolaevka, Krasnyi Oktyabr`, Ermak, Buzan. FP: VI-VIII.

Sphinginae

325. *Sphinx ligustri* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Sedelnikovo, Elnichnoye, Petropavlovka, Omsk, Buzan. FP: VI-VII.
326. *Hyloicus morio* Rothschild & Jordan, 1903 – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Abakshikha, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole. FP: VI-VII.
327. *Agrius convolvuli* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Omsk, Krasnyi Oktyabr`. FP: IX.

Macroglossinae

328. *Hemaris fuciformis* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Abakshikha, Samsonovo, Serebryanoye, Novokievskaya, Davydovka, Omsk, Cherlack. FP: V-VII.
329. *Hemaris tityus* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d; Red Book 2015. LOC: Bolshiye Uki, Samsonovo, Gulyai Pole, Knyazevo, Davydovka, Omsk. FP: V-VIII.
330. *Macroglossum stellatarum* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d; Knyazev et al. 2016. LOC: Omsk, Krasnyi Oktyabr`. FP: IX-IX.
331. *Hyles euphorbiae* (Linnaeus, 1758) – REF: Knyazev et al. 2010d. LOC: Urusovo, Davydovka, Omsk, Amrinskaya Balka, Nikolaevka, Sholacksor, Krasnyi Oktyabr`, Atmas, Bogdanovka, Buzan. FP: V-VIII.
332. *Hyles gallii* (Rottemburg, 1775) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Bolshiye Murly, Serebryanoye, Lugovaya, Davydovka, Podgorodka, Omsk, Ebeity, Amrinskaya Balka, Orlovka, Ataichye, Ul`zhai, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VIII.
333. *Hyles hippophaes* (Esper, 1793) – REF: Knyazev et al. 2012; Red Book 2015. LOC: Atmas. FP: VII.
334. *Deilephila elpenor* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 2006; Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Muromtsevo, Gulyai Pole, Knyazevo, Bolshiye Murly, Serebryanoye, Koshkul`, Davydovka, Podgorodka, Omsk, Amrinskaya Balka, Ul`zhai, Sholacksor, Nikolaevka, Krasnyi Oktyabr`, Atmas, Bogdanovka, Buzan. FP: V-VII.
335. *Choerocampa porcellus* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 2006; Knyazev et al. 2010d. LOC: Listvyagi, Bolshiye Uki, Basly, Sedelnikovo, Petropavlovka, Danilovo, Gulyai Pole, Knyazevo, Berezka, Urusovo, 2624

km, Koshkul`, Serebryanoye, Davydovka, Omsk, Ebeity, Krutye Luki, Amrinskaya Balka, Krasnyi Oktyabr`, Buzan. FP: VI-VIII.

336. *Proserpinus proserpina* (Pallas, 1772) – REF: Lavrov 1927; Red Book 2015. LOC: Petropavlovka, Omsk, Sholacksor. FP: V-VI.

## Notodontidae

Cerurinae

337. *Cerura erminea* (Esper, 1783) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Koshkul`, Krutye Luki, Davydovka, Omsk, Nikolaevka, Krasnyi Oktyabr`, Atmas. FP: V-VI.
338. *Cerura przewalskyi* Alpheraky, 1882 – REF: Knyazev et al. 2012. LOC: Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Krasnyi` Yar, Novotroitskoye, Koshkul`, Davydovka, Atmas, Tatarka, Buzan. FP: IV-VII.
339. *Cerura vinula* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Sedelnikovo, Petropavlovka, Muromtsevo, Gulyai Pole, Novotroitskoye, Koshkul`, Davydovka, Omsk, Ebeity, Nikolaevka, Atmas. FP: V-VI.
340. *Furcula aeruginosa* (Christoph, 1872) – REF: Knyazev et al. 2012. LOC: Ataichye, Atmas. FP: VI-VIII.
341. *Furcula bicuspis* (Borkhausen, 1790) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Urusovo, Koshkul`, 2624 km, Davydovka. FP: V-VII.
342. *Furcula bifida* (Brahm, 1787) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Muromtsevo, Gulyai Pole, Knyazevo, Berezka, Urusovo, Davydovka, Omsk, Ebeity, Atmas, Buzan. FP: VI-VIII.
343. *Furcula furcula* (Clerck, 1759) – REF: Knyazev et al. 2010d. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Krasnyi Oktyabr`. FP: VI-VII.

Dicranurinae

344. *Stauropus fagi* (Linnaeus, 1758) – REF: Knyazev et al. 2013. LOC: Listvyagi, Yakovlevka, Gulyai Pole, Podgorodka. FP: V-VI.

Notodontinae

345. *Notodonta dromedarius* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Petropavlovka, Knyazevo, Berezka, Urusovo, Atrachi, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas, Alabota. FP: VI-VIII.

346. *Notodonta torva* (Hübner, 1803) – REF: Knyazev et al. 2010d. LOC: Samsonovo, Sedelnikovo, Petropavlovka, Muromtsevo, Gulyai Pole, Novotroitskoye, Davydovka. FP: VI-VII.
347. *Notodonta tritophus* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Gulyai Pole, Krasnyi Yar, Knyazevo, Berezka, Podgorodka, Davydovka, Omsk, Bogdanovka, Ataichye, Nikolaevka, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: V-VIII.
348. *Eligmodonta ziczac* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Muromtsevo, Gulyai Pole, Atrachi, Davydovka, Podgorodka, Omsk, Ebeity, Ataichye, Krasnyi Oktyabr`, Atmas, Bogdanovka, Alabota. FP: V-IX.
349. *Pheosia gnoma* (Fabricius, 1776) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Atak, Petropavlovka, Muromtsevo, Gulyai Pole, Knyazevo, Urusovo, Davydovka, Omsk. FP: V-VIII.
350. *Pheosia tremula* (Clerck, 1759) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Berezka, Davydovka, Omsk, Ul`zhai, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
351. *Leucodonta bicoloria* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Abakshikha, Petropavlovka, Gulyai Pole, Knyazevo, Krasnoyarka, Davydovka, Podgorodka, Omsk. FP: V-VI.

Ptilodontinae

352. *Pterostoma palpina* (Clerck, 1759) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Knyazevo, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-IX.
353. *Ptilodon capucina* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Krasnoyarka, Omsk. FP: VI-VII.
354. *Odontosia carmelita* (Esper, 1799) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Keizes, Petropavlovka, Muromtsevo, Gulyai Pole, Novotroitskoye, Davydovka, Omsk, Krasnyi Oktyabr`. FP: V.
355. *Odontosia sieversii* (Ménétriés, 1856) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Petropavlovka. FP: IV.

Phalerinae

356. *Phalera bucephala* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Petropavlovka, Muromtsevo, Danilovo, Gulyai Pole, Nalimovo, Berezka, Krasnoyarka, Davydovka, Omsk. FP: VI-VII.

Pygaerinae

357. *Gluphisia crenata* (Esper, 1785) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Atrachi, Koshkul`, Cherlack. FP: VI-VIII.
358. *Pygaera timon* (Hübner, 1803) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Krasnyi Yar, Knyazevo, Bolshiye Murly, Koshkul`, Davydovka, Podgorodka, Omsk, Nikolaevka, Krasnyi Oktyabr`. FP: V-VIII.
359. *Clostera albosigma* (Fitch, 1856) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Pospelovo, Samsonovo, Atak, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Atrachi, Novotroitskoye, Davydovka, Buzan. FP: IV-VIII.
360. *Clostera anachoreta* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Yakovlevka, Atak, Petropavlovka, Omsk. FP: V-VI.
361. *Clostera anastomosis* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Samsonovo, Gulyai Pole, Knyazevo, Berezka, Bolshiye Murly, Atrachi, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
362. *Clostera curtula* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Samsonovo, Atak, Sedelnikovo, Petropavlovka, Knyazevo, Serebryanoye, Podgorodka, Atmas, Tatarka, Buzan. FP: V-VIII.
363. *Clostera pigra* (Hufnagel, 1766) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Atak, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Novotroitskoye, Serebryanoye, Davydovka, Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VII.

**Lymantriidae**

364. *Lymantria dispar* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Krutye Luki, Chernoluchye, Davydovka, Omsk, Ebeity, Orlovka, Ataichye, Atmas, Alabota, Khlebodarovka. FP: VI-VIII.
365. *Lymantria monacha* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Politotdel, Podgorodka, Omsk, Atmas. FP: VII-VIII.
366. *Orgyia antiqua* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Petropavlovka, Gulyai Pole, Kordon, Podgorodka, Omsk. FP: VIII-IX.
367. *Thylacigyna antiquiodes* (Hübner, 1822) – REF: Knyazev et al. 2012. LOC: Gulyai Pole, Atmas. FP: VII-VIII.

368. *Telochurus recens* (Hübner, 1819) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Yakovlevka, Bolshiye Uki, Basly, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Koshkul`, Serebryanoye, Politotdel, Davydovka, Omsk. FP: VI-VIII.
369. *Gynaephora fascelina* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Gulyai Pole, Knyazevo, Berezka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
370. *Gynaephora selenitica* (Esper, 1783) – REF: Ivonin et al. 2013. LOC: Bolshiye Uki. FP: VII.
371. *Calliteara abietis* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2019. LOC: Keizes. FP: VII.
372. *Calliteara pudibunda* (Linnaeus, 1758) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Muromtsevo, Gulyai Pole, Podgorodka. FP: V-VI.
373. *Sphrageidus similis* (Fuessly, 1775) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Krasnoyarka, Davydovka, Omsk, Ermak. FP: VI-VII.
374. *Euproctis kargalika* (Moore, 1878) – REF: Knyazev et al. 2012; Knyazev et al. 2016. LOC: Atmas, Ermak, Buzan. FP: VI-VII.
375. *Leucoma salicis* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Yakovlevka, Bolshiye Uki, Sedelnikovo, Petropavlovka, Knyazevo, Berezka, Krasnoyarka, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
376. *Arctornis l-nigrum* (Müller, 1764) – REF: Knyazev et al. 2017. LOC: Abakshikha, Yakovlevka. FP: VI-VII.

## Arctiidae

Lithosiinae

377. *Katha depressa* (Esper, 1787) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Samsonovo, Petropavlovka, Gulyai Pole, Berezka, Omsk, Krasnyi Oktyabr`, Buzan. FP: VII-VIII.
378. *Collita griseola* (Hübner, 1803) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Listvyagi, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Omsk, Atmas. FP: VII-VIII.
379. *Wittia sororcula* (Hufnagel, 1766) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Bolshiye Murly, Davydovka, Podgorodka. FP: V-VI.
380. *Manulea complana* (Linnaeus, 1758) – REF: Knyazev et al. 2010d. LOC: Keizes, Petropavlovka, Gulyai Pole, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas. FP: VI-VIII.

381. *Manulea lutarella* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Basly, Keizes, Gulyai Pole, Koshkul`, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
382. *Manulea pygmaeola* (Doubleday, 1847) – REF: Knyazev et al. 2010d. LOC: Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-VIII.
383. *Manulea lurideola* ([Zincken], 1817) – REF: Knyazev et al. 2015. LOC: Gulyai Pole, Koshkul`, Podgorodka. FP: VII-VIII.
384. *Cybosia mesomella* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Orekhovo, Ust-Ishim, Sedelnikovo, Petropavlovka, Gulyai Pole, Berezka, Koshkul`, Politotdel, Omsk, Ermak. FP: VI-VII.
385. *Atolmis rubricollis* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Krasnoyarka, Davydovka, Omsk, Ermak. FP: VI-VII.
386. *Pelosia muscerda* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Omsk, Ebeity, Cherlack, Atmas. FP: VI-IX.
387. *Pelosia obtusa* (Herrich-Schäffer, 1847) – REF: Knyazev et al. 2010d. LOC: Listvyagi, Gulyai Pole, Nalimovo, Amrinskaya Balka, Novovarshavka, Atmas. FP: VII-VIII.
388. *Setina irrorella* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Okunevo, Gulyai Pole, Davydovka, Omsk, Atmas. FP: V-VIII.
389. *Setina roscida* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010d. LOC: Leninsk, Ataichye, Chebakly, Ul`zhai, Sholacksor, Krasnyi Oktyabr`. FP: VI-VII.
390. *Stigmatophora flava* (Bremer & Grey, 1852) – REF: Knyazev et al. 2010d. LOC: Krasnyi Oktyabr`. FP: VI.
391. *Thumatha senex* (Hübner, 1808) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Abakshikha, Yakovlevka, Samsonovo, Keizes, Gulyai Pole, Nalimovo, Omsk. FP: VII.
392. *Miltochrista miniata* (Forster, 1771) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Abakshikha, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Nalimovo, Davydovka, Krasnyi Oktyabr`. FP: VII-VIII.

Arctiinae

393. *Spiris striata* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Maryanovka, Davydovka, Omsk, Kormilovka, Kulikovo, Leninsk, Krasnyi Oktyabr`, Atmas, Alabota, Buzan. FP: VI-VII.
394. *Coscinia cribraria* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Sedelnikovo, Gulyai Pole, Knyazevo,

Urusovo, Berezka, Koshkul`, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.

395. *Tyria jacobaeae* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Davydovka, Omsk, Leninsk, Ataichye, Chebakly, Ul`zhai, Sholacksor, Krasnyi Oktyabr`, Atmas, Ermak, Alabota, Khlebodarovka. FP: V-VI.
396. *Lacydes spectabilis* (Tauscher, 1806) – REF: Knyazev et al. 2010d. LOC: Krasnyi Oktyabr`, Ermak, Buzan. FP: VIII.
397. *Arctia caja* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Atak, Keizes, Petropavlovka, Okunevo, Knyazevo, Bolshiye Murly, Merkutly, Pautovka, Davydovka, Omsk, Kulikovo, Krutye Luki, Ul`zhai, Krasnyi Oktyabr`, Cherlack, Atmas, Ermak, Alabota. FP: VII-VIII.
398. *Arctia flavia* (Fuessly, 1779) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Bolshiye Uki, Atak, Petropavlovka, Okunevo, Knyazevo, Pautovka, Omsk, Krasnyi Oktyabr`, Atmas, Ermak. FP: VII-VIII.
399. *Hyphoraia aulica* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010d. LOC: Davydovka, Omsk, Ust-Zaostrovka, Cherlack, Krasnyi Oktyabr`, Ermak. FP: V-VI.
400. *Parasemia plantaginis* (Linnaeus, 1758) – REF: Erschoff 1870; Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Elnichnoye, Petropavlovka. FP: VI.
401. *Pericallia matronula* (Linnaeus, 1758) – REF: Kosheleva 2006; Knyazev et al. 2010d. LOC: Listvyagi, Yakovlevka, Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Krasnoyarka, Omsk, Atmas. FP: VI-VII.
402. *Epicallia villica* (Linnaeus, 1758) – REF: Knyazev et al. 2010d. LOC: Bolshiye Uki, Knyazevo, Berezka, Pautovka, Omsk, Krasnyi Oktyabr`, Atmas, Ermak, Russkaya Polyana. FP: VI.
403. *Eucharia festiva* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Omsk, Ebeity, Amrinskaya Balka, Krasnyi Oktyabr`, Atmas, Bogdanovka, Ermak. FP: V.
404. *Sibirarctia kindermanni* (Staudinger, 1867) – REF: Lavrov 1927; Red Book 2015; Knyazev et al. 2016. LOC: Lyubino, Omsk. FP: VII.
405. *Chelis dahurica* (Boisduval, 1834) – REF: Knyazev et al. 2010d; Red Book 2015. LOC: Berezka. FP: VI-VII.
406. *Chelis maculosa* (Gerning, 1780) – REF: Lavrov 1927; Knyazev et al. 2010d; Knyazev et al. 2012; Red Book 2015. LOC: Omsk, Atmas, Ermak, Buzan. FP: VII.
407. *Diacrisia sannio* (Linnaeus, 1758) – REF: Tshugunov 1911; Lavrov 1927; Knyazev et al. 2010d. LOC: Orekhovo, Kushma, Ust-Ishim, Abakshikha, Bolshiye Uki, Basly, Samsonovo, Atak, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Urusovo, Knyazevo, Koshkul`, Krsanoyarka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.

408. *Rhyparioides metelkana* (Lederer, 1861) – REF: Knyazev et al. 2019. LOC: Omsk. FP: VII.
409. *Rhyparia purpurata* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Sedelnikovo, Gulyai Pole, Knyazevo, Omsk, Krasnyi Oktyabr`, Ermak, Alabota. FP: VI-VII.
410. *Watsonarctia deserta* (Bartel, 1902) – REF: Knyazev et al. 2010d; Red Book 2015. LOC: Knyazevo, Davydovka. FP: V-VI.
411. *Diaphora mendica* (Clerck, 1759) – REF: Knyazev et al. 2010d; Knyazev et al. 2012. LOC: Bolshiye Uki, Krasnyi Yar, Davydovka. FP: V-VI.
412. *Epatolmis caesarea* (Goeze, 1781) – REF: Knyazev et al. 2015; Red Book 2015. LOC: Novotroitskoye. FP: V.
413. *Spilosoma lubricipedum* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Knyazevo, Koshkul`, 2624 km., Davydovka, Omsk, Ebeity, Atmas. FP: VI-VIII.
414. *Spilosoma urticae* (Esper, 1789) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Gulyai Pole, Knyazevo, Bolshiye Murly, Omsk, Atmas. FP: VI-VII.
415. *Spilarctia lutea* (Hufnagel, 1766) – REF: Knyazev et al. 2010d. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Urusovo, Koshkul`, Krasnoyarka, Davydovka, Omsk, Ul`zhai, Sholacksor, Krasnyi Oktyabr`, Cherlack, Atmas, Ermak. FP: VI-VII.
416. *Phragmatobia fuliginosa* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Nalimovo, Bolshiye Murly, Krasnoyarka, Davydovka, Omsk, Terenkol`, Cherlack, Krasnyi Oktyabr`. FP: V-VIII.

## Syntomidae

417. *Syntomis caspia* Staudinger, 1877 – REF: Lavrov 1927; Knyazev et al. 2010d. LOC: Omsk, Fadino, Krasnyi Oktyabr`, Ermak, Buzan, Russkaya Polyana. FP: VI-VII.
418. *Syntomis transcaspica* (Obraztsov, 1941) – REF: Knyazev et al. 2010d; Red Book 2015. LOC: Ataichye, Sholacksor, Ul`zhai, Krasnyi Oktyabr`, Ermak. FP: VI-VII.

## Erebidae

Herminiinae

419. *Paracolax tristalis* (Fabricius, 1794) – REF: Knyazev et al. 2010c. LOC: Gulyai Pole, Pautovka, Krasnoyarka, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`. FP: VI-VII.

420. *Simplicia rectalis* (Eversmann, 1842) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Knyazevo, Atrachi, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
421. *Zanclognatha lunalis* (Scopoli, 1763) – REF: Knyazev et al. 2010c. LOC: Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VII-IX.
422. *Zanclognatha tarsipennalis* (Treitschke, 1835) – REF: Lavrov 1927. LOC: Omsk. FP: VI-VII.
423. *Zanclognatha tenuialis* Rebel, 1896 – REF: Knyazev et al. 2010c. LOC: Listvyagi, Abakshikha, Yakovlevka, Bolshiye Uki, Basly, Sedelnikovo, Gulyai Pole, Atmas. FP: VI-VII.
424. *Zanclognatha tristriga* W.Kozhantschikov, 1929 – REF: Knyazev et al. 2016. LOC: Atmas. FP: VII.
425. *Pechipogo strigilata* (Linnaeus, 1758) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Koshkul`, Davydovka, Omsk. FP: V-VII.
426. *Polypogon gryphalis* (Herrich-Schäffer, 1851) – REF: Knyazev et al. 2013. LOC: Krasnyi Oktyabr`. FP: VII.
427. *Polypogon tentacularia* (Linnaeus, 1758) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Kushma, Tshebatshikha, Samsonovo, Keizes, Mys, Gulyai Pole, Politotdel, Zelenovka, Davydovka, Omsk, Nikolaevka, Krasnyi Oktyabr`. FP: VI-VII.
428. *Herminina tarsicrinalis* (Knoch, 1782) – REF: Lavrov 1927; Knyazev et al. 2010c; Knyazev 2011. LOC: Abakshikha, Bolshiye Uki, Petropavlovka, Berezka, Omsk. FP: VI-VIII.

Hypeninae

429. *Zekelita ravulalis* (Staudinger, 1879) – REF: Knyazev et al. 2010c. LOC: Ul`zhai, Nikolaevka, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-VIII.
430. *Hypena crassalis* (Fabricius, 1787) – REF: Knyazev et al. 2013. LOC: Samsonovo, Sedelnikovo, Danilovo. FP: VI-VII.
431. *Hypena obesalis* Treitschke, 1829 – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki. FP: VII-X.
432. *Hypena proboscidalis* (Linnaeus, 1758) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Sedelnikovo, Petropavlovka, Pautovka, Omsk, Krasnyi Oktyabr`. FP: VI-X.
433. *Hypena rostralis* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Podgorodka, Omsk, Ebeity, Krasnyi Oktyabr`. FP: V-IX.
434. *Hypena tristalis* Lederer, 1853 – REF: Knyazev et al. 2016. LOC: Atmas. FP: V-IX.

Rivulinae

435. *Rivula sericealis* (Scopoli, 1763) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Atrachi, Omsk, Syropyatskoye, Cherlack. FP: VII-IX.

Scoliopteryginae

436. *Scoliopteryx libatrix* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Gulyai Pole, Bolshiye Murly, Knyazevo, Ukrainka, Omsk, Ul`zhai, Atmas, Buzan. FP: IV-V, VII-X.

Calpinae

437. *Calyptra thalictri* (Borkhausen, 1790) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Okunevo, Gulyai Pole, Nalimovo, Knyazevo, Pautovka, Davydovka, Omsk, Cherlack, Buzan. FP: VI-VIII.

Hypenodinae

438. *Hypenodes humidalis* Doubleday, 1850 – REF: 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka. Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Omsk. FP: VII-IX.

Boletobiinae

439. *Parascotia fuliginaria* (Linnaeus, 1761) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Knyazevo, Podgorodka, Omsk, Cherlack. FP: VI-VIII.

Araeopteroninae

440. *Laspeyria flexula* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c; Knyazev et al. 2011. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Krasnoyarka, Omsk. FP: VI-VII.
441. *Trisateles emortualis* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Abakshikha, Samsonovo, Petropavlovka, Danilovo, Gulyai Pole, Davydovka. FP: VI-VII.
442. *Eublemma amasina* (Eversmann, 1842) – REF: Knyazev et al. 2010c; Knyazev et al. 2012. LOC: Samsonovo, Sedelnikovo, Petropavlovka, Gulyai

Pole, Atrachi, Koshkul`, Davydovka, Omsk, Nikolaevka, Krasnyi Oktyabr`, Ermak. FP: V-VIII.

443. *Eublemma minutata* (Fabricius, 1794) – REF: Knyazev et al. 2012. LOC: Atmas. FP: VI-VIII.
444. *Eublemma purpurina* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c; Knyazev et al. 2015; Knyazev et al. 2016. LOC: Omsk, Ebeity, Ermak. FP: VI-VIII.
445. *Eublemma pusilla* (Eversmann, 1834) – REF: Knyazev et al. 2012. LOC: Krasnoyarka, Omsk, Atmas. FP: VI-VIII.
446. *Phytometra viridaria* (Clerck, 1759) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Nalimovo, Davydovka, Omsk, Atmas. FP: VI-VIII.
447. *Colobochyla salicalis* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Samsonovo, Omsk. FP: V-VII.

Erebinae

448. *Catocala adultera* Ménétriés, 1856 – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Davydovka, Omsk, Syropyatskoye, Atmas. FP: VIII-IX.
449. *Catocala bella* Butler, 1877 – REF: Knyazev et al. 2010c. LOC: Omsk, Atmas, Ermak. FP: VII-VIII.
450. *Catocala fraxini* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Okunevo, Gulyai Pole, Knyazevo, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Atmas. FP: VIII-X.
451. *Catocala fulminea* (Scopoli, 1763) – REF: Lavrov 1927; Kosheleva 2006; Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Okunevo, Knyazevo, Politotdel, Omsk, Atmas. FP: VII-VIII.
452. *Catocala neonympha* (Esper, 1805) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-X.
453. *Catocala nupta* (Linnaeus, 1767) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Okunevo, Omsk, Krasnyi Oktyabr`, Atmas, Novovarshavka, Ermak, Buzan. FP: VII-IX.
454. *Catocala orientalis* Staudinger, 1877 – REF: Knyazev et al. 2010c; Knyazev 2012. LOC: Omsk, Krasnyi Oktyabr`, Atmas, Ermak. FP: VII-IX.
455. *Catocala pacta* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Okunevo, Gulyai Pole, Knyazevo, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
456. *Euclidia glyphica* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Orekhovo, Petropavlovka, Okunevo, Knyazevo, Urusovo, Koshkul`, Serebryanoye, Krasnoyarka, Omsk, Kulikovo, Atmas, Bogdanovka. FP: V-VIII.

457. *Callistege fortalitium* (Tauscher, 1809) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Ebeity, Krasnyi Oktyabr`, Atmas, Alabota, Ermak, Buzan. FP: V-VIII.
458. *Callistege mi* (Clerck, 1759) – REF: Vnukovsky 1926; Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Samsonovo, Petropavlovka, Bolshiye Murly, Knyazevo, Novokievskaya, Davydovka, Omsk, Ebeity, Platovo, Krasnyi Oktyabr`, Karazyuk, Khlebodarovka. FP: V-VI.
459. *Gonospileia triquetra* ([Denis & Schiffermüller], 1775) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Ataichye, Ul`zhai, Krasnyi Oktyabr`, Atmas, Alabota. FP: V-VII.

Toxocampinae

460. *Chrysorythrum flavomaculata* (Bremer, 1861) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Serebryanoye, Omsk, Amrinskaya Balka, Krasnyi Oktyabr`. FP: VI-VII.
461. *Lygephila craccae* ([Denis & Schiffermüller], 1775) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`, Cherlack. FP: VIII.
462. *Lygephila lubrica* (Freyer, 1842) – REF: Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`, Cherlack, Atmas. FP: VII-VIII.
463. *Lygephila ludicra* (Hübner, 1790) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Gulyai Pole, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
464. *Lygephila pastinum* (Treitschke, 1826) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Yakovlevka, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Berezka, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas. FP: VI-VII.
465. *Lygephila viciae* (Hübner, 1822) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Basly, Sedelnikovo, Keizes, Muromtsevo, Gulyai Pole, Bolshiye Murly, Knyazevo, Pautovka, 2624 km., Koshkul`, Serebryanoye, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: V-VIII.
466. *Acantholipes regularis* (Hübner, 1813) – REF: Knyazev et al. 2016. LOC: Atmas. FP: VI.

## Nolidae

Nolinae

467. *Meganola albula* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Samsonovo, Atak, Gulyai Pole, Berezka, Atrachi, Krasnoyarka, Davydovka. FP: VII-VIII.
468. *Nola aerugula* (Hübner, 1793) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Samsonovo, Gulyai Pole, Atrachi,

Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Cherlack, Atmas, Novovarshavka. FP: VII-VIII.

469. *Nola confusalis* (Herrich-Schäffer, 1847) – REF: Knyazev et al. 2016. LOC: Ust-Ishim, Abakshikha, Samsonovo, Petropavlovka. FP: V-VI.
470. *Nola crambiformis* Rebel, 1902 – REF: Knyazev et al. 2016. LOC: Ermak. FP: VI.

Chloephorinae

471. *Nycteola degenerana* (Hübner, 1799) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Yakovlevka, Bolshiye Uki, Basly, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Novotroitskoye, Podgorodka, Davydovka, Omsk, Atmas. FP: V-X.
472. *Pseudoips prasinana* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Bolshiye Murly, Koshkul`, Krasnoyarka, Davydovka, Omsk, Atmas. FP: VI-VII.
473. *Earias clorana* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Samsonovo, Petropavlovka, Gulyai Pole, Koshkul`, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas. FP: V-VIII.

**Noctuidae**

Plusiinae

474. *Abrostola tripartita* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Samsonovo, Atak, Petropavlovka, Bolshiye Murly, Knyazevo, Urusovo, Pautovka, Krasnoyarka, Davydovka, Omsk, Atmas. FP: VI-VIII.
475. *Abrostola triplasia* (Linnaeus, 1758) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Keizes, Petropavlovka, Bolshiye Murly, Knyazevo, Pautovka, Davydovka, Omsk, Maryanovka, Cherlack. FP: VI-VIII.
476. *Macdunnoughia confusa* (Stephens, 1850) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Bolshiye Murly, Knyazevo, Pautovka, Serebryanoye, Krasnoyarka, Davydovka, Omsk, Syropyatskoye, Krutye Luki, Moskalenki, Ebeity, Bogdanovka, Ul`zhai, Krasnyi Oktyabr`. FP: V-X.
477. *Diachrysia chrysitis* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Petropavlovka, Davydovka, Omsk. FP: VI-VII.
478. *Diachrysia chryson* (Esper, 1789) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Samsonovo, Petropavlovka, Okunevo, Gulyai Pole, Nalimovo, Knyazevo, Pautovka, Davydovka, Omsk, Buzan. FP: VII-VIII.

479. *Diachrysia nadeja* (Oberthür, 1880) – REF: Knyazev et al. 2015. LOC: Bolshiye Uki, Gulyai Pole, Nalimovo, Omsk. FP: VII-VIII.
480. *Diachrysia stenochrysis* (Warren, 1913) – REF: Knyazev et al. 2010c. LOC: Abakshikha, Yakovlevka, Bolshiye Uki, Basly, Samsonovo, Atak, Petropavlovka, Okunevo, Gulyai Pole, Nalimovo, Knyazevo, Pautovka, Koshkul`, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-IX.
481. *Diachrysia zosimi* (Hübner, 1822) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Nalimovo, Gulyai Pole, Urusovo, Koshkul`, Davydovka, Maryanovka, Omsk, Novovarshavka, Atmas, Buzan. FP: VI-VII.
482. *Euchalcia consona* (Fabricius, 1787) – REF: Knyazev et al. 2010c. LOC: Ul`zhai, Krasnyi Oktyabr`, Atmas, Ermak, Buzan, Alabota. FP: V-VIII.
483. *Euchalcia modestoides* Poole, 1989 – REF: Knyazev et al. 2010c. LOC: Abakshikha, Yakovlevka, Bolshiye Uki, Gulyai Pole, Koshkul`, Davydovka. FP: VI-VIII.
484. *Euchalcia variabilis* (Piller, 1783) – REF: Knyazev et al. 2010c. LOC: Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes. FP: VII-VIII.
485. *Polychrysia esmeralda* (Oberthür, 1880) – REF: Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Basly, Samsonovo, Petropavlovka, Berezka, Pautovka, Omsk, Cherlack. FP: VI-VIII.
486. *Polychrysia splendida* (Butler, 1878) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Petropavlovka. FP: VII-VIII.
487. **Panchrysia deaurata* (Esper, 1787) – LOC: Ermak. FP: VI-IX
488. *Lamprotes c-aureum* (Knoch, 1781) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Davydovka, Podgorodka. FP: VII-VIII.
489. *Plusidia cheiranthi* (Tauscher, 1809) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Gulyai Pole, Nalimovo, Knyazevo, Berezka, Pautovka, Davydovka, Omsk. FP: VI-VIII.
490. *Autographa bractea* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2011. LOC: Bolshiye Uki, Atak, Keizes, Petropavlovka, Gulyai Pole, Nalimovo, Atmas. FP: VII-VIII.
491. *Autographa excelsa* (Kretschmar, 1862) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Omsk. FP: VII-VIII.
492. *Autographa gamma* (Linnaeus, 1758) – REF: Lavrov 1927; Bei-Bienko 1928; Afonskaya 1966; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Okunevo, Gulyai Pole, Bolshiye Murly, Nalimovo, Knyazevo, Pautovka, Koshkul`, Serebryanoye, Krasnoyarka, Davydovka, Omsk, Orlovka, Krasnyi Oktyabr`, Buzan. FP: V-X.
493. *Autographa macrogamma* (Eversmann, 1842) – REF: Lavrov 1927; Knyazev et al. 2010c; Knyazev et al. 2012. LOC: Listvyagi, Bolshiye Uki, Basly, Okunevo, Nalimovo, Berezka, Omsk, Atmas. FP: VII-VIII.

494. *Autographa mandarina* (Freyer, 1845) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Petropavlovka, Okunevo, Gulyai Pole, Bolshiye Murly, Knyazevo, Pautovka, Krasnoyarka, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Atmas. FP: V-IX.
495. *Autographa pulchrina* (Haworth, 1809) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Omsk, Atmas. FP: VI-VIII.
496. *Syngrapha ain* (Hochenwarth, 1785) – REF: Knyazev et al. 2010c; Knyazev et al. 2011. LOC: Listvyagi, Abakshikha, Atak, Politotdel. FP: VII-VIII.
497. *Syngrapha interrogationis* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Basly, Samsonovo, Keizes, Petropavlovka, Muromtsevo, Gulyai Pole, Krasnoyarka, Omsk, Mikhailovka. FP: VI-VIII.
498. *Plusia festucae* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Keizes, Petropavlovka, Gulyai Pole, Bolshiye Murly, Knyazevo, Nalimovo, Pautovka, Atrachi, Davydovka, Omsk, Syropyatskoye, Ebeity, Ataichye, Krasnyi Oktyabr`, Cherlack, Buzan. FP: VI-IX.
499. *Plusia putnami* (Grote, 1873) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Atak, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Nalimovo, Urusovo, Koshkul`, Pautovka, Krasnoyarka, Davydovka, Omsk. FP: VI-VIII.

Eustrotiinae

500. *Phyllophila obliterata* (Rambur, 1833) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Urusovo, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas. FP: VI-VII.
501. *Protodeltote pygarga* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Muromtsevo, Urusovo, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.
502. *Deltote bankiana* (Fabricius, 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Sedelnikovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Knyazevo, Urusovo, Koshkul`, 2624 km., Serebryanoye, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: V-VIII.
503. *Deltote deceptoria* (Scopoli, 1763) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Serebryanoye, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Bogdanovka. FP: V-VII.
504. *Deltote uncula* (Clerck, 1759) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Atrachi, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Novovarshavka. FP: VI-IX.

Acontiinae

505. *Acontia lucida* (Hufnagel, 1766) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Knyazevo, Pautovka, Omsk, Krasnyi Oktyabr`, Buzan, Russkaya Polyana. FP: V-X.
506. *Acontia trabealis* (Scopoli, 1763) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Knyazevo, 2624 km., Krasnoyarka, Omsk, Krasnyi Oktyabr`, Russkaya Polyana. FP: V-VIII.
507. *Aedia funesta* (Esper, 1786) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Knyazevo, Pautovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: V-VIII.

Pantheinae

508. *Panthea coenobita* (Esper, 1785) – REF: Knyazev et al. 2010c; Knyazev et al. 2016. LOC: Samsonovo, Petropavlovka. FP: V-VII.
509. *Colocasia coryli* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Pautovka, Podgorodka, Omsk, Novotroitskoye, Ul`zhai, Nikolaevka, Krasnyi Oktyabr`. FP: V-VIII.

Acronictinae

510. *Moma alpium* (Osbeck, 1778) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Petropavlovka, Danilovo, Podgorodka, Omsk. FP: VI-VII.
511. *Acronicta alni* (Linnaeus, 1767) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Koshkul`, Krasnoyarka, Podgorodka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: V-VI.
512. *Acronicta auricoma* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Serebryanoye, Pautovka, Krasnoyarka, Podgorodka, Davydovka, Omsk, Novotroitskoye, Cherlack, Krasnyi Oktyabr`, Atmas, Tatarka, Buzan. FP: V-VIII.
513. *Acronicta cinerea* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Gulyai Pole, Knyazevo, Omsk. FP: VII-VIII.
514. *Acronicta concerpta* Draudt, 1937 – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Atrachi, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-IX.
515. *Acronicta cuspis* (Hübner, 1813) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Davydovka, Omsk. FP: VI-VII.

516. *Acronicta lutea* Bremer & Grey, 1852 – REF: Knyazev et al. 2011. LOC: Urusovo, Omsk. FP: VI.
517. *Acronicta major* Bremer, 1861 – REF: Knyazev et al. 2015; Knyazev et al. 2016; Red Book 2015. LOC: Abakshikha, Yakovlevka, Bolshiye Uki, Samsonovo, Elnichnoye, Danilovo, Koshkul`. FP: VI-VII.
518. *Acronicta menyanthidis* (Esper, 1789) – REF: Knyazev et al. 2019. LOC: Ust-Ishim, Gulyai Pole. FP: VI-VII.
519. *Acronicta psi* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Knyazevo, Davydovka, Omsk, Cherlack, Atmas, Buzan. FP: VI-VIII.
520. *Acronicta rumicis* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Atak, Sedelnikovo, Petropavlovka, Bolshiye Murly, Pautovka, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas, Novovarshavka, Buzan. FP: V-VIII.
521. *Acronicta strigosa* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Gulyai Pole, Pautovka, Krasnoyarka. FP: V-VII.
522. *Acronicta tridens* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927. LOC: Bolshiye Uki, Gulyai Pole, Omsk. FP: VI.
523. *Acronicta vulpina* (Grote, 1883) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Koshkul`, Davydovka, Omsk. FP: VI-VIII.
524. *Simyra albovenosa* (Goeze, 1781) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Gulyai Pole, Knyazevo, Urusovo, Krasnyi Oktyabr`, Mikhailovka, Atmas, Novovarshavka, Buzan. FP: VI-VIII.
525. *Simyra dentinosa* (Freyer, 1838) – REF: Knyazev et al. 2012; Knyazev et al. 2016. LOC: Tatarka, Buzan. FP: IV-V.
526. *Simyra nervosa* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`, Atmas, Tatarka, Alabota. FP: IV-VIII.

Metoponiinae

527. *Mycteroplus puniceago* (Boisduval, 1840) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Omsk, Ul`zhai, Krasnyi Oktyabr`, Cherlack, Atmas, Novovarshavka, Buzan. FP: VII-VIII.
528. *Tyta luctuosa* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Knyazevo, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas, Alabota, Ermak. FP: V-VIII.

Cuculliinae

529. *Cucullia absinthii* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Omsk, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.

530. *Cucullia argentea* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Omsk, Mikhailovka, Krasnyi Oktyabr`, Atmas, Ermak. FP: VII-VIII.
531. *Cucullia argentina* (Fabricius, 1787) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Pautovka, Omsk, Ataichye, Sholacksor, Ul`zhai, Krasnyi Oktyabr`, Ermak. FP: V-VII.
532. *Cucullia artemisiae* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Koshkul`, Maryanovka, Davydovka, Omsk, Ebeity, Ataichye, Sholacksor, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: VI-VIII.
533. *Cucullia asteris* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Danilovo, Maryanovka, Omsk, Orlovka, Ebeity, Ataichye, Krasnyi Oktyabr`, Atmas, Bogdanovka, Buzan. FP: V-VIII.
534. *Cucullia biornata* Fischer von Waldheim, 1840 – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Omsk, Amrinskaya Balka, Krasnyi Oktyabr`, Atmas, Ermak. FP: V-VIII.
535. *Cucullia biradiata* W.Kozhantschikov, 1925 – REF: Knyazev et al. 2010c. LOC: Omsk, Sholacksor, Krasnyi Oktyabr`, Ermak, Buzan. FP: VI-VII.
536. *Cucullia dracunculi* (Hübner, 1813) – REF: Knyazev et al. 2012; Knyazev et al. 2019. LOC: Maryanovka, Ataichye, Atmas. FP: VI-VII.
537. *Cucullia duplicata* Staudinger, 1882 – REF: Knyazev et al. 2013. LOC: Atmas, Ermak. FP: VII-VIII.
538. *Cucullia fraudatrix* Eversmann, 1837 – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Atak, Petropavlovka, Knyazevo, Pautovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
539. *Cucullia inderiensis* Herrich-Schäffer, 1856 – REF: Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`, Tatarka. FP: IV-V.
540. *Cucullia infuscata* Tshetverikov, 1925 – REF: Knyazev et al. 2013. LOC: Boevoye, Maryanovka, Atmas, Buzan. FP: VI-VIII.
541. *Cucullia lucifuga* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Okunevo, Gulyai Pole, Krasnoyarka, Davydovka, Omsk, Bogdanovka, Atmas. FP: V-VIII.
542. *Cucullia magnifica* Freyer, 1839 – REF: Lavrov 1927; Knyazev et al. 2010c; Red Book 2015. LOC: Omsk, Ebeity, Buzan. FP: VII-VIII.
543. *Cucullia mixta* Freyer, 1841 – REF: Knyazev et al. 2012. LOC: Ebeity, Ataichye, Ul`zhai, Sholacksor, Krasnyi Oktyabr`, Buzan. FP: V-VII.
544. *Cucullia praecana* Eversmann, 1843 – REF: Knyazev et al. 2010c. LOC: Davydovka, Novovarshavka, Atmas. FP: VII-VIII.
545. *Cucullia propinqua* Eversmann, 1842 – REF: Knyazev et al. 2010c. LOC: Gulyai Pole, Nalimovo, Bolshiye Murly, Pautovka, Maryanovka, Omsk, Ebeity, Sholacksor, Ul`zhai, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VII.

546. *Cucullia pustulata* Eversmann, 1842 – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
547. *Cucullia santonici* (Hübner, 1813) – REF: Knyazev et al. 2015. LOC: Ataichye, Ul`zhai. FP: V-VI.
548. *Cucullia scopariae* Dorfmeister, 1853 – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Ataichye, Krasnyi Oktyabr`, Atmas, Novovarshavka, Buzan. FP: VII-VIII.
549. *Cucullia spectabilisoides* Poole, 1989 – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Serebryanoye, Maryanovka, Davydovka, Omsk, Ul`zhai, Atmas, Buzan. FP: VI-VII.
550. *Cucullia splendida* (Cramer, 1777) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c; Knyazev et al. 2012; Knyazev et al. 2016. LOC: Bolshiye Uki, Knyazevo, Omsk, Ul`zhai, Mikhailovka, Krasnyi Oktyabr`, Cherlack, Atmas, Ermak, Alabota, Buzan. FP: VII-VIII.
551. *Cucullia tanaceti* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2015; Knyazev et al. 2016. LOC: Amrinskaya Balka, Sholacksor, Atmas. FP: VI-VIII.
552. *Cucullia umbratica* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Gulyai Pole, Bolshiye Murly, Knyazevo, Krasnoyarka, Maryanovka, Davydovka, Omsk, Ebeity, Amrinskaya Balka, Ataichye, Nikolaevka, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VIII.
553. *Cucullia virgaureae* Boisduval, 1840 – REF: Knyazev et al. 2011. LOC: Nalimovo, Omsk, Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
554. *Cucullia xeranthemi* Boisduval, 1840 – REF: Knyazev et al. 2015. LOC: Amrinskaya Balka, Ataichye, Atmas, Buzan. FP: VI-VIII.

Oncocnemidinae

555. *Calophasia lunula* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Gulyai Pole, Pautovka, Davydovka, Omsk, Krutye Luki, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Nikolaevka, Atmas, Buzan. FP: V-VIII.
556. *Sympistis senica* (Eversmann, 1856) – REF: Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`. FP: VIII.
557. *Oncocnemis nigricula* (Eversmann, 1847) – REF: Knyazev et al. 2011. LOC: Ebeity, Krasnyi Oktyabr`, Buzan. FP: VI-IX.
558. *Epimecia ustula* (Freyer, 1835) – REF: Knyazev et al. 2019. LOC: Ul`zhai, Buzan. FP: VI.
559. *Phidrimana amurensis* (Staudinger, 1892) – REF: Knyazev et al. 2010c; Knyazev et al. 2012. LOC: Omsk, Ebeity, Atmas. FP: VIII-IX.

Amphipyrinae

560. *Amphipyra livida* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Muromtsevo, Gulyai Pole, Knyazevo, Pautovka, Politotdel, Krasnoyarka, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: VIII-IX.
561. *Amphipyra perflua* (Fabricius, 1787) – REF: Knyazev et al. 2010c; Knyazev et al. 2011. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Berezka, Davydovka, Omsk. FP: VII-X.
562. *Amphipyra pyramidea* (Linnaeus, 1758) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Muromtsevo, Gulyai Pole, Berezka, Kordon, Atrachi, Davydovka, Omsk, Atmas, Buzan. FP: VIII-IX.
563. *Amphipyra sergei* (Staudinger, 1888) – REF: Knyazev et al. 2010c. LOC: Berezka, Omsk. FP: VIII.
564. *Amphipyra tetra* (Fabricius, 1787) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Petropavlovka, Politotdel, Omsk, Atmas. FP: VIII.
565. *Amphipyra tragopoginis* (Clerck, 1759) – REF: Knyazev et al. 2010c. LOC: Omsk. FP: VII-VIII.
566. *Brachionycha nubeculosa* (Esper, 1785) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Pospelovo, Samsonovo, Petropavlovka, Niznyaya Omka, Ukrainka, Davydovka, Omsk, Krutye Luki, Krasnyi Oktyabr`, Atmas, Tatarka, Buzan. FP: IV-V.
567. *Brachionycha sajana* Draudt, 1934 – REF: Knyazev et al. 2017. LOC: Samsonovo. FP: IV.
568. *Allophyes oxyacanthae* (Linnaeus, 1758) – REF: Knyazev et al. 2010c. LOC: Moskalenki, Politotdel, Omsk, Syropyatskoye, Ul`zhai, Krasnyi Oktyabr`, Atmas, Ermak, Buzan. FP: IX.
569. *Feralia sauberi* (Graeser, 1892) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Abakshikha, Atak, Keizes. FP: V-VI.

Heliothinae

570. *Periphanes cora* (Eversmann, 1837) – REF: Lavrov 1927; LOC: Omsk. FP: VI.
571. *Pyrrhia exprimens* (Walker, 1857) – REF: Knyazev et al. 2013; Knyazev et al. 2015. LOC: Bolshiye Uki, Samsonovo, Elnichnoye. FP: VI-VII.
572. *Pyrrhia umbra* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Okunevo, Gulyai Pole, Bolshiye Murly, Knyazevo, Berezka, Atrachi, Zelenovka, Davydovka, Omsk, Ataichye, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: VI-VIII.
573. *Protoschinia scutosa* ([Denis & Schiffermüller], 1775) – REF: Vnukovsky 1926; Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al.

2010c. LOC: Knyazevo, Omsk, Ebeity, Leninsk, Ataichye, Krasnyi Oktyabr`, Ul`zhai, Atmas, Buzan. FP: VI-IX.

574. *Heliothis adaucta* Butler, 1878 – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Kushma, Bolshiye Uki, Bolshiye Murly, Knyazevo, Krasnoyarka, Maryanovka, Zelenovka, Davydovka, Omsk, Kormilovka, Amrinskaya Balka, Orlovka, Ataichye, Ul`zhai, Krasnyi Oktyabr`, Cherlack, Atmas. FP: V-VIII.
575. *Heliothis ononis* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Serebryanoye, Omsk, Atmas. FP: VI-VII.
576. *Heliothis viriplaca* (Hufnagel, 1766) – REF: Vnukovsky 1926; Lavrov 1927; Afonskaya 1966; Knyazev et al. 2010c. LOC: Kushma, Bolshiye Uki, Knyazevo, Zelenovka, Omsk, Krasnyi Oktyabr`, Alabota, Russkaya Polyana. FP: V-VIII.
577. *Helicoverpa armigera* (Hübner, 1808) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Lezhanka, Davydovka, Omsk, Buzan. FP: IX-X.

Condicinae

578. *Acosmetia caliginosa* (Hübner, 1813) – REF: Knyazev et al. 2010c; Knyazev et al. 2016. LOC: Ust-Ishim, Gulyai Pole, Podgorodka. FP: VI-VII.
579. *Eucarta amethystina* (Hübner, 1803) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Danilovo, Gulyai Pole, Knyazevo, Urusovo, Pautovka, Koshkul`, Krasnoyarka, Davydovka. FP: VI-VII.
580. *Eucarta virgo* (Treitschke, 1835) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Gulyai Pole, Knyazevo, Davydovka, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.

Bryophilinae

581. *Cryphia fraudatricula* (Hübner, 1803) – REF: Knyazev et al. 2013. LOC: Danilovo, Gulyai Pole. FP: VI-VII.
582. *Victrix umovii* (Eversmann, 1846) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Knyazevo. FP: VI-VII.

Noctuinae

583. *Pseudeustrotia candidula* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Pautovka, Atrachi, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-IX.
584. *Elaphria venustula* (Hübner, 1790) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Urusovo, Pautovka, Davydovka, Omsk, Nikolaevka, Atmas. FP: VI-VII.

585. *Caradrina albina* Eversmann, 1848 – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Knyazevo, Berezka, Atrachi, Davydovka, Omsk, Krasnyi Oktyabr`, Buzan, Russkaya Polyana. FP: VI-X.
586. *Caradrina clavipalpis* (Scopoli, 1763) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`. FP: V-VIII.
587. *Caradrina morpheus* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Pautovka, Davydovka, Omsk, Krasnyi Oktyabr`, Russkaya Polyana. FP: VI-VIII.
588. *Caradrina petraea* Tengström, 1869 – REF: Lavrov 1927; Knyazev et al. 2011. LOC: Bolshiye Uki, Samsonovo. FP: VII-VIII.
589. *Caradrina terrea* Freyer, 1840 – REF: Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`, Cherlack, Atmas, Alabota, Buzan. FP: VII-X.
590. *Caradrina wullschlegeli* Püngeler, 1903 – REF: Knyazev et al. 2013. LOC: Omsk. FP: VI.
591. *Hoplodrina blanda* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Davydovka, Omsk, Atmas, Buzan. FP: VI-VIII.
592. *Hoplodrina octogenaria* (Goeze, 1781) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Omsk, Buzan. FP: VII-VIII.
593. *Chilodes distracta* (Eversmann, 1848) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki. FP: V-VI.
594. *Chilodes maritima* (Tauscher, 1806) – REF: Knyazev et al. 2010c. LOC: Omsk, Mikhailovka, Atmas, Buzan. FP: V-VIII.
595. *Rusina ferruginea* (Esper, 1787) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Abakshikha, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Berezka, Davydovka. FP: VI-VII.
596. *Athetis correpta* (Püngeler, 1906) – REF: Knyazev et al. 2011. LOC: Politotdel, Omsk. FP: VII.
597. *Athetis furvula* (Hübner, 1808) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Nikolaevka, Krasnyi Oktyabr`, Alabota. FP: VI-IX.
598. *Athetis gluteosa* (Treitschke, 1835) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Sedelnikovo, Krasnoyarka, Davydovka, Omsk, Amrinskaya Balka, Krasnyi Oktyabr`, Novovarshavka. FP: VII-VIII.
599. *Athetis lepigone* (Möschler, 1860) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Murly, Knyazevo, Ataichye, Krasnyi Oktyabr`. FP: V-VI.
600. *Athetis pallustris* (Hübner, 1808) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Gulyai Pole, Bolshiye Murly, Koshkul`, Davydovka, Podgorodka, Krutye Luki, Ebeity, Nikolaevka, Krasnyi Oktyabr`, Buzan. FP: V-VII.
601. *Dypterygia scabriuscula* (Linnaeus, 1758) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Knyazevo, Pautovka, Krasnoyarka, Davydovka, Omsk. FP: VI-VII.
602. *Trachea atriplicis* (Linnaeus, 1758) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Pautovka, Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.

603. *Actinotia polyodon* (Clerck, 1759) – REF: Knyazev et al. 2013. LOC: Abakshikha, Bolshiye Uki, Samsonovo. FP: VI-VII.
604. *Euplexia lucipara* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Danilovo. FP: V-VIII.
605. *Oxytripia orbiculosa* (Esper, 1799) – REF: Knyazev et al. 2019. LOC: Buzan. FP: IX.
606. *Sidemia spilogramma* (Rambur, 1871) – REF: Knyazev et al. 2010c. LOC: Ebeity, Krasnyi Oktyabr`, Buzan. FP: VIII-IX.
607. *Staurophora celsia* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Knyazevo, Kordon, Pautovka, Atrachi, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
608. *Celaena haworthii* (Curtis, 1829) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Omsk, Krasnyi Oktyabr`, Atmas. FP: VII-IX.
609. *Helotropha leucostigma* (Hübner, 1808) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Samsonovo, Bolshiye Uki, Muromtsevo, Gulyai Pole, Davydovka, Omsk, Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
610. *Gortyna flavago* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Pautovka, Atrachi, Berezka, Krasnyi Oktyabr`. FP: VII-IX.
611. *Hydraecia micacea* (Esper, 1789) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Yakovlevka, Samsonovo, Petropavlovka, Muromtsevo, Gulyai Pole, Berezka, Pautovka, Omsk, Ul`zhai, Krasnyi Oktyabr`, Buzan. FP: VII-IX.
612. *Hydraecia mongoliensis* Urbahn, 1967 – REF: Zolotarenko and Dubatolov 2000. LOC: Omsk, Atmas. FP: VII-VIII.
613. *Hydraecia petasitis* Doubleday, 1847 – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Yakovlevka, Petropavlovka, Muromtsevo, Gulyai Pole, Atrachi, Omsk, Syropyatskoye, Atmas. FP: VII-IX.
614. *Hydraecia ultima* Holst, 1965 – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Basly, Petropavlovka, Okunevo, Gulyai Pole, Omsk, Ebeity, Atmas. FP: VII-IX.
615. *Amphipoea asiatica* (Burrows, 1911) – REF: Knyazev et al. 2010c. LOC: Petropavlovka, Muromtsevo, Davydovka, Mikhailovka. FP: VII-VIII.
616. **Amphipoea crinanensis* (Burrows, 1908) – REF: LOC: Isil`kul`, Davydovka, Omsk. FP: VII-IX.
617. *Amphipoea fucosa* (Freyer, 1830) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Muromtsevo, Gulyai Pole, Knyazevo, Nalimovo, Pautovka, Davydovka, Omsk, Ebeity, Krasnyi Oktyabr`, Alabota, Buzan. FP: VII-IX.

618. *Amphipoea lucens* (Freyer, 1845) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Petropavlovka, Davydovka, Omsk, Cherlack. FP: VII-VIII.
619. *Amphipoea ochreola* (Staudinger, 1882) – REF: Knyazev et al. 2019. LOC: Buzan. FP: IX.
620. *Amphipoea oculea* (Linnaeus, 1761) – REF: Knyazev et al. 2017. LOC: Samsonovo. FP: VIII.
621. *Fabula zollikoferi* (Freyer, 1836) – REF: Knyazev et al. 2010c. LOC: Omsk, Ul`zhai, Krasnyi Oktyabr`, Atmas, Buzan. FP: VIII-IX.
622. *Rhizedra lutosa* (Hübner, 1803) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Moskalenki, Omsk, Syropyatskoye, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Atmas, Buzan. FP: VIII-IX.
623. *Nonagria typhae* (Thunberg, 1784) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Gulyai Pole, Berezka, Kordon, Omsk, Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: VIII-IX.
624. *Archanara dissoluta* (Treitschke, 1825) – REF: Knyazev et al. 2010c. LOC: Muromtsevo, Okunevo, Omsk, Ul`zhai, Krasnyi Oktyabr`, Mikhailovka, Atmas. FP: VIII-IX.
625. *Hypocoena stigmatica* (Eversmann, 1855) – REF: Knyazev et al. 2012. LOC: Knyazevo, Omsk, Ebeity, Mikhailovka, Atmas. FP: VII-VIII.
626. *Denticucullus pygmina* (Haworth, 1809) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Ul`zhai, Buzan. FP: VIII-IX.
627. *Photedes extrema* (Hübner, 1809) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Krasnyi Oktyabr`. FP: VI-VII.
628. *Photedes fluxa* (Hübner, 1809) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Samsonovo, Petropavlovka, Berezka, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Cherlack, Atmas. FP: VI-VIII.
629. *Protarchanara brevilinea* (Fenn, 1864) – REF: Knyazev et al. 2013. LOC: Ebeity, Mikhailovka, Buzan. FP: VIII.
630. *Globia algae* (Esper, 1789) – REF: Knyazev et al. 2017. LOC: Cherlack, Atmas. FP: VIII.
631. *Globia sparganii* (Esper, 1790) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Gulyai Pole, Knyazevo, Nalimovo, Berezka, Kordon, Omsk, Mikhailovka, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
632. *Eremobia pabulatricula* (Brahm, 1791) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Politotdel, Krasnoyarka, Davydovka, Omsk, Atmas, Novovarshavka, Buzan. FP: VII-VIII.
633. *Apamea anceps* ([Denis & Schiffermüller], 1775) – REF: Shvetsova 1957; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Muromtsevo, Berezka, Davydovka, Omsk, Atmas, Alabota. FP: V-VII.
634. *Apamea aquila* Donzel, 1837 – REF: Knyazev et al. 2019. LOC: Novovarshavka. FP: VII-VIII.

635. *Apamea crenata* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Abakshikha, Yakovlevka, Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Urusovo, Koshkul`, Davydovka, Omsk. FP: VI-VII.
636. *Apamea ferrago* (Eversmann, 1837) – REF: Knyazev et al. 2010c. LOC: Ebeity, Ataichye, Mikhailovka, Alabota, Buzan. FP: VII-VIII.
637. *Apamea furva* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2011. LOC: Petropavlovka, Davydovka, Podgorodka, Omsk, Atmas, Buzan. FP: VI-VIII.
638. *Apamea illyria* Freyer, 1846 – REF: Knyazev et al. 2017. LOC: Samsonovo. FP: VI.
639. *Apamea lateritia* (Hufnagel, 1766) – REF: Vnukovsky 1926; Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Knyazevo, Pautovka, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Alabota, Buzan. FP: VI-VIII.
640. *Apamea leucodon* (Eversmann, 1837) – REF: Knyazev et al. 2010c. LOC: Ataichye, Krasnyi Oktyabr`, Bogdanovka, Ermak. FP: VI.
641. *Apamea lithoxylaea* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2011. LOC: Bolshiye Uki. FP: IX.
642. *Apamea monoglypha* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Keizes, Petropavlovka, Okunevo, Knyazevo, Pautovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
643. *Apamea oblonga* (Haworth, 1809) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Kordon, Politotdel, Davydovka, Omsk, Krasnyi Oktyabr`, Mikhailovka, Buzan. FP: VII-VIII.
644. *Apamea remissa* (Hübner, 1809) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Urusovo, Knyazevo, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-VII.
645. *Apamea rubrirena* (Treitschke, 1825) – REF: Knyazev et al. 2011. LOC: Samsonovo, Atak. FP: VII-VIII.
646. *Apamea sordens* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Gulyai Pole, Bolshiye Murly, Knyazevo, Pautovka, Koshkul`, Serebryanoye, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Bogdanovka, Russkaya Polyana. FP: V-VII.
647. *Apamea unanimis* (Hübner, 1813) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Abakshikha, Samsonovo, Petropavlovka, Danilovo, Davydovka, Omsk, Ataichye, Krasnyi Oktyabr`. FP: VI-VII.
648. *Loscopia scolopacina* (Esper, 1788) – REF: Knyazev et al. 2013. LOC: Samsonovo. FP: VII-VIII.
649. *Lateroligia ophiogramma* (Esper, 1794) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Muromtsevo, Okunevo, Gulyai Pole, Knyazevo, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VII-VIII.

650. *Oligia latruncula* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Gulyai Pole, Pautovka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas. FP: VI-VII.
651. *Oligia leuconephra* Hampson, 1908 – REF: Knyazev et al. 2010c. LOC: Samsonovo, Petropavlovka, Muromtsevo. FP: VIII.
652. *Mesoligia furuncula* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Gulyai Pole, Pautovka, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: VI-VIII.
653. *Litoligia literosa* (Haworth, 1809) – REF: Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`, Atmas. FP: VII.
654. *Mesapamea secalis* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Knyazevo, Pautovka, Omsk. FP: VII-VIII.
655. *Resapamea vulpecula* (Eversmann, 1852) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Samsonovo Gulyai Pole, Knyazevo, Atrachi, Krasnoyarka, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Atmas, Alabota, Buzan. FP: VII-IX.
656. *Xylomoia graminea* (Graeser, 1889) – REF: Knyazev et al. 2010c. LOC: Listvyagi, Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Urusovo, Davydovka, Omsk, Atmas. FP: VI-VIII.
657. *Xylomoia retinax* Mikkola, 1998 – REF: Knyazev et al. 2015; Knyazev et al. 2016. LOC: Yakovlevka, Samsonovo, Lezhanka, Omsk, Krasnyi Oktyabr`, Atmas. FP: VI-VII.
658. *Brachylomia viminalis* (Fabricius, 1777) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka. FP: VIII.
659. *Hyppa rectilinea* (Esper, 1788) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Bolshiye Murly, Serebryanoye, Davydovka, Omsk. FP: VI-VII.
660. *Parastichtis suspecta* (Hübner, 1817) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Berezka, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
661. *Apterogenum ypsillon* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2013. LOC: Omsk, Atmas. FP: VII.
662. *Xanthia togata* (Esper, 1788) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Pautovka, Atrachi, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Atmas, Buzan. FP: VIII-X.
663. *Cirrhia gilvago* ([Denis & Schiffermüller], 1775) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`, Atmas. FP: VIII-IX.
664. *Cirrhia icteritia* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Petropavlovka, Gulyai Pole, Pautovka, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Cherlack, Atmas, Novovarshavka, Buzan. FP: VIII-IX.

665. *Cirrhia ocellaris* (Borkhausen, 1792) – REF: Knyazev et al. 2010c. LOC: Omsk, Syropyatskoye, Krasnyi Oktyabr`, Atmas. FP: VIII-IX.
666. *Cirrhia tunicata* (Graeser, 1890) – REF: Knyazev et al. 2019. LOC: Ebeity, Cherlack, Buzan. FP: VII-IX.
667. *Agrochola circellaris* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Petropavlovka, Podgorodka, Davydovka, Krasnyi Oktyabr`, Buzan. FP: IX-X.
668. *Agrochola helvola* (Linnaeus, 1758) – REF: Knyazev et al. 2011. LOC: Bolshiye Uki. FP: IX.
669. *Agrochola lota* (Clerck, 1759) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Krasnyi Oktyabr`, Buzan. FP: IX-X.
670. *Conistra rubiginea* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Pautovka, Davydovka, Syropyatskoye, Ukrainka, Ul`zhai, Krasnyi Oktyabr`, Tatarka, Buzan. FP: IV-V, IX-X.
671. *Conistra vaccinii* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Berezka, Moskalenki, Politotdel, Pautovka, Davydovka, Omsk, Syropyatskoye, Novotroitskoye, Nizhnyaya Omka, Krutye Luki, Ul`zhai, Krasnyi Oktyabr`, Tatarka, Buzan. FP: IV-V, VIII-X.
672. *Lithophane consocia* (Borkhausen, 1792) – REF: Knyazev et al. 2019. LOC: Ust-Ishim, Yakovlevka. FP: IV.
673. *Lithophane lamda* (Fabricius, 1787) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Pospelovo, Samsonovo, Gulyai Pole, Podgorodka, Krasnyi Oktyabr`, Tatarka. FP: IV-V, IX.
674. *Lithophane socia* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Davydovka, Omsk, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Atmas, Bogdanovka. FP: IV-V, VIII-IX.
675. *Xylena exsoleta* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Davydovka, Omsk, Nizhnyaya Omka, Krutye Luki, Krasnyi Oktyabr`, Atmas, Tatarka, Buzan. FP: IV-V, IX-X.
676. *Xylena solidaginis* (Hübner, 1803) – REF: Knyazev et al. 2010c. LOC: Samsonovo, Petropavlovka, Gulyai Pole, Buzan. FP: VIII-IX.
677. *Xylena vetusta* (Hübner, 1813) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Kabanye, Berezka, Ukrainka, Davydovka, Nizhnyaya Omka, Ul`zhai, Krasnyi Oktyabr`, Atmas, Tatarka, Buzan. FP: IV-V, IX-X.
678. *Orbona fragariae* (Vieweg, 1790) – REF: Knyazev et al. 2010c; Knyazev et al. 2011. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Gulyai Pole, Davydovka, Atmas, Buzan. FP: IV-V, IX-X.
679. *Eupsilia transversa* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Gulyai Pole, Berezka, Ukrainka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Tatarka, Buzan. FP: IV-V, IX-X.
680. *Parvispinia parvispina* (Tschetverikov, 1904) – REF: Knyazev et al. 2010c. LOC: Omsk. FP: VIII.

681. *Enargia abluta* (Hübner, 1808) – REF: Knyazev et al. 2015. LOC: Cherlack. FP: VIII.
682. *Enargia paleacea* (Esper, 1788) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Atrachi, Krasnoyarka, Davydovka, Omsk, Syropyatskoye, Cherlack, Krasnyi Oktyabr`, Atmas, Alabota. FP: VII-IX.
683. *Ipimorpha contusa* (Freyer, 1849) – REF: Knyazev et al. 2013; Red Book 2015. LOC: Samsonovo. FP: VII-VIII.
684. *Ipimorpha retusa* (Linnaeus, 1761) – REF: Knyazev et al. 2012. LOC: Samsonovo, Gulyai Pole, Nalimovo, Kordon, Omsk, Atmas, Buzan. FP: VII-VIII.
685. *Ipimorpha subtusa* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Omsk, Atmas, Buzan. FP: VII-VIII.
686. *Brachyxanthia zelotypa* (Lederer, 1853) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c; Knyazev et al. 2016. LOC: Listvyagi, Yakovlevka, Samsonovo, Petropavlovka. FP: VIII-IX.
687. *Cosmia affinis* (Linnaeus, 1767) – REF: Knyazev et al. 2010c; Knyazev et al. 2012. LOC: Muromtsevo, Omsk, Syropyatskoye, Ul`zhai, Atmas. FP: VII-IX.
688. *Cosmia pyralina* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Omsk. FP: VII.
689. *Cosmia trapezina* (Linnaeus, 1758) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c; Knyazev et al. 2016. LOC: Yakovlevka, Omsk. FP: VII-VIII.
690. *Mesogona acetosellae* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927. LOC: Omsk. FP: VIII-IX.
691. *Mesogona oxalina* (Hübner, 1803) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Davydovka, Omsk, Syropyatskoye, Atmas, Buzan. FP: VIII-IX.
692. *Calamia tridens* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Knyazevo, Omsk, Ebeity, Ul`zhai, Mikhailovka, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
693. *Pseudohadena armata* Alphéraky, 1887 – REF: Knyazev et al. 2013; Knyazev et al. 2016. LOC: Ul`zhai, Atmas. FP: VIII-IX.
694. *Pseudohadena immunda* (Eversmann, 1842) – REF: Knyazev et al. 2010c. LOC: Gulyai Pole, Bolshiye Murly. FP: VI.
695. *Dasypolia templi* (Thunberg, 1792) – REF: Knyazev et al. 2010c. LOC: Omsk, Ul`zhai, Krasnyi Oktyabr`, Tatarka. FP: IV-V, IX-X.
696. *Blepharita amica* (Treitschke, 1825) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Pautovka, Omsk, Krasnyi Oktyabr`, Buzan. FP: VIII-IX.
697. *Mniotype satura* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Petropavlovka, Kordon, Atrachi. FP: VIII-IX.
698. *Panolis flammea* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Abakshikha, Bolshiye Uki, Samsonovo, Atak, Petropavlovka, Gulyai Pole, Tatarka. FP: IV-V.

699. *Orthosia gothica* (Linnaeus, 1758) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Pospelovo, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Pautovka, Davydovka, Omsk, Ul`zhai, Tatarka, Buzan. FP: IV-V.
700. *Orthosia gracilis* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Pospelovo, Gulyai Pole, Krasnyi Yar, Starosoldatskoye, Davydovka, Podgorodka, Omsk, Krasnyi Oktyabr`, Tatarka. FP: IV-V.
701. *Orthosia incerta* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Yakovlevka, Bolshiye Uki, Pospelovo, Samsonovo, Atak, Petropavlovka, Gulyai Pole, Pautovka, Krasnoyarka, Davydovka, Omsk, Ul`zhai, Krasnyi Oktyabr`, Tatarka, Buzan. FP: IV-V.
702. *Orthosia opima* (Hübner, 1809) – REF: Knyazev et al. 2013. LOC: Gulyai Pole, Kabanye, Krasnyi Oktyabr`, Buzan. FP: IV-V.
703. *Orthosia populeti* (Fabricius, 1775) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Gulyai Pole, Novotroitskoye, Davydovka, Podgorodka, Omsk, Tatarka. FP: IV-V.
704. *Anorthoa munda* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2013. LOC: Yakovlevka, Samsonovo, Petropavlovka, Podgorodka, Tatarka. FP: IV-V.
705. *Perigrapha circumducta* (Lederer, 1855) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2012. LOC: Cherlack, Tatarka. FP: IV-V.
706. *Tholera cespitis* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Gulyai Pole, Davydovka, Omsk, Ebeity. FP: VIII-IX.
707. *Tholera decimalis* (Poda, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Pautovka, Omsk, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Cherlack, Buzan. FP: VIII-IX.
708. *Tholera hilaris* (Staudinger, 1901) – REF: Knyazev et al. 2015. LOC: Ebeity, Ul`zhai, Buzan. FP: VIII-IX.
709. *Cerapteryx graminis* (Linnaeus, 1758) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Petropavlovka. FP: VII-VIII.
710. *Anarta dianthi* (Tauscher, 1809) – REF: Knyazev et al. 2010c. LOC: Davydovka, Ebeity, Krasnyi Oktyabr`. FP: V-VIII.
711. *Anarta stigmosa* (Christoph, 1887) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Knyazevo, Pautovka, Atrachi, Davydovka, Ebeity, Ataichye, Krasnyi Oktyabr`, Buzan. FP: V-VIII.
712. *Anarta trifolii* (Hufnagel, 1766) – REF: Lavrov 1927; Afonskaya 1966; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Knyazevo, Pautovka, Serebryanoye, Krasnoyarka, Davydovka, Omsk, Syropyatskoye, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Cherlack, Atmas, Bogdanovka, Buzan. FP: V-X.
713. *Coranarta cordigera* (Thunberg, 1788) – REF: Knyazev et al. 2013. LOC: Ust-Ishim, Gulyai Pole. FP: V-VI.

714. *Cardepia irrisoria* (Erschoff, 1874) – REF: Knyazev et al. 2016. LOC: Ebeity. FP: VIII.
715. *Polia bombycina* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Samsonovo, Sedelnikovo, Keizes, Gulyai Pole, Knyazevo, Urusovo, Pautovka, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-VIII.
716. *Polia hepatica* (Clerck, 1759) – REF: Lavrov 1927. LOC: Gulyai Pole, Omsk. FP: VI-VII.
717. *Polia nebulosa* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Sedelnikovo, Petropavlovka, Danilovo, Gulyai Pole, Urusovo, Koshkul`, Krasnoyarka, Davydovka, Omsk, Atmas. FP: VI-VII.
718. *Pachetra sagittigera* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Ebeity, Krasnyi Oktyabr`, Buzan. FP: V-VI.
719. *Lacanobia aliena* (Hübner, 1808) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Knyazevo, Pautovka, Serebryanoye, Davydovka, Podgorodka, Amrinskaya Balka, Nikolaevka, Krasnyi Oktyabr`, Buzan, Russkaya Polyana. FP: V-VI.
720. *Lacanobia blenna* (Hübner, 1824) – REF: Knyazev et al. 2015. LOC: Ebeity, Krasnyi Oktyabr`. FP: VIII.
721. *Lacanobia contigua* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Keizes, Petropavlovka, Gulyai Pole, Bolshiye Murly, Knyazevo, Bolshiye Murly, Urusovo, Atrachi, Koshkul`, Serebryanoye, Davydovka, Omsk, Ebeity, Ataichye, Krasnyi Oktyabr`, Cherlack, Buzan. FP: VI-VIII.
722. *Lacanobia oleracea* (Linnaeus, 1758) – REF: Lavrov 1927; Afonskaya 1966; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Keizes, Gulyai Pole, Knyazevo, Pautovka, Serebryanoye, Moskalenki, Davydovka, Omsk, Ebeity, Krasnyi Oktyabr`, Cherlack, Buzan. FP: V-VIII.
723. *Lacanobia splendens* (Hübner, 1808) – REF: Knyazev et al. 2016. LOC: Sholacksor, Atmas. FP: VI-VII.
724. *Lacanobia suasa* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Afonskaya 1966; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Kalachiki, Knyazevo, Urusovo, Pautovka, Koshkul`, 2624 km., Moskalenki, Serebryanoye, Krasnoyarka, Podgorodka, Davydovka, Omsk, Ebeity, Bogdanovka, Ataichye, Sholacksor, Ul`zhai, Nikolaevka, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan, Russkaya Polyana. FP: V-IX.
725. *Lacanobia thalassina* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Bolshiye Murly, Urusovo, Koshkul`, Serebryanoye, Podgorodka, Davydovka, Omsk, Ataichye, Ul`zhai, Krasnyi Oktyabr`, Cherlack, Atmas, Bogdanovka. FP: V-VIII.

726. *Lacanobia w-latinum* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Gulyai Pole, Serebryanoye, Amrinskaya Balka, Nikolaevka, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: VI-VII.
727. *Melanchra persicariae* (Linnaeus, 1761) – REF: Kulik and Shvetsova 1940; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Pautovka, Koshkul`, Krasnoyarka, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
728. *Ceramica pisi* (Linnaeus, 1758) – REF: Lavrov 1927; Afonskaya 1966; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Basly, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Berezka, Urusovo, Pautovka, Davydovka, Omsk. FP: V-VIII.
729. *Hada plebeja* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Gulyai Pole, Davydovka, Omsk. FP: VI-VII.
730. *Hyssia cavernosa* (Eversmann, 1842) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Sedelnikovo, Knyazevo, Urusovo, Pautovka, Maryanovka, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.
731. *Mamestra brassicae* (Linnaeus, 1758) – REF: Lavrov 1927; Bei-Bienko 1928; Kulik and Shvetsova 1940; Afonskaya 1966; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Danilovo, Knyazevo, Pautovka, Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
732. *Sideridis egena* (Lederer, 1853) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Krasnoyarka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.
733. *Sideridis lampra* (Schawerda, 1913) – REF: Knyazev et al. 2015. LOC: Amrinskaya Balka, Ataichye, Buzan. FP: VI-VII.
734. *Sideridis reticulata* (Goeze, 1781) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Gulyai Pole, Knyazevo, Pautovka, Serebryanoye, Krasnoyarka, Davydovka, Omsk, Amrinskaya Balka, Ebeity, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: VI-VIII.
735. *Sideridis rivularis* (Fabricius, 1775) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Keizes, Petropavlovka, Knyazevo, Pautovka, Omsk, Krasnyi Oktyabr`. FP: VI-VIII.
736. *Sideridis turbida* (Esper, 1790) – REF: Knyazev et al. 2010c. LOC: Serebryanoye, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Bogdanovka, Buzan. FP: V-VIII.
737. *Saragossa porosa* (Eversmann, 1854) – REF: Knyazev et al. 2010c. LOC: Knyazevo, Pautovka, Maryanovka, Davydovka, Ebeity, Ataichye, Sholacksor, Nikolaevka, Ul`zhai, Krasnyi Oktyabr`, Ermak, Buzan. FP: V-VIII.
738. *Saragossa siccanorum* (Staudinger, 1870) – REF: Knyazev et al. 2010c. LOC: Ul`zhai, Krasnyi Oktyabr`, Mikhailovka, Atmas, Buzan. FP: VI-IX.
739. *Conisania arida* (Lederer, 1855) – REF: Knyazev et al. 2010c. LOC: Ataichye, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-VII.

740. *Conisania literata* (Fischer von Waldheim, 1840) – REF: Knyazev et al. 2010c. LOC: Serebryanoye, Krasnyi Oktyabr`, Atmas, Ermak, Buzan. FP: V-VI.
741. *Conisania luteago* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Urusovo, Knyazevo, Berezka, Pautovka, Krasnoyarka, Davydovka, Omsk, Sholacksor, Ul`zhai, Krasnyi Oktyabr`, Atmas, Russkaya Polyana. FP: V-VII.
742. *Hecatera bicolorata* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Knyazevo, Pautovka, Politotdel, Omsk, Krasnyi Oktyabr`, Atmas, Bogdanovka, Ermak, Buzan. FP: V-VIII.
743. *Hecatera dysodea* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Knyazevo, Krasnoyarka, Omsk, Cherlack, Krasnyi Oktyabr`. FP: VI-VIII.
744. *Hadena albimacula* (Borkhausen, 1792) – REF: Lavrov 1927. LOC: Omsk, Ataichye, Atmas, Buzan. FP: VI-VIII.
745. *Hadena capsincola* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Pautovka, Atrachi, Davydovka, Omsk, Amrinskaya Balka, Russkaya Polyana. FP: VI-VIII.
746. *Hadena christophi* (Möschler, 1862) – REF: Knyazev et al. 2011. LOC: Sholacksor, Krasnyi Oktyabr`. FP: V-VI.
747. *Hadena compta* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2011. LOC: Atak, Krasnoyarka, Omsk, Ataichye, Atmas, Buzan. FP: VII.
748. *Hadena filograna* (Esper, 1788) – REF: Knyazev et al. 2010c; Knyazev et al. 2011. LOC: Atak, Pautovka, Krasnoyarka, Ebeity, Ataichye, Sholacksor, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VII.
749. *Hadena irregularis* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`, Atmas. FP: VII.
750. *Hadena magnolii* (Boisduval, 1829) – REF: Knyazev et al. 2015. LOC: Ataichye. FP: VI.
751. *Hadena perplexa* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c; Knyazev et al. 2011. LOC: Samsonovo, Sedelnikovo, Gulyai Pole, Omsk, Ebeity, Ataichye, Sholacksor, Buzan. FP: VI-VII.
752. *Hadena variolata* (Smith, 1888) – REF: Knyazev et al. 2010c; Knyazev et al. 2011; Knyazev et al. 2012. LOC: Bolshiye Uki, Atak, Petropavlovka, Gulyai Pole, Davydovka. FP: VI-VII.
753. *Mythimna albiradiosa* (Eversmann, 1852) – REF: Knyazev et al. 2010c. LOC: Davydovka, Krutye Luki, Ebeity, Ataichye, Sholacksor, Nikolaevka, Krasnyi Oktyabr`, Buzan. FP: V-VII.
754. *Mythimna conigera* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Knyazevo, Pautovka, Krasnoyarka, Davydovka, Podgorodka, Omsk, Ataichye, Krasnyi Oktyabr`, Alabota. FP: VII-VIII.

755. *Mythimna deserticola* (Bartel, 1903) – REF: Knyazev et al. 2013. LOC: Russkaya Polyana. FP: VI.
756. *Mythimna ferrago* (Fabricius, 1787) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Atak, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Pautovka, Krasnoyarka, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas, Alabota. FP: VII-VIII.
757. *Mythimna impura* (Hübner, 1808) – REF: Vnukovsky 1930; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Samsonovo, Keizes, Knyazevo, Pautovka, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Buzan, Russkaya Polyana. FP: VI-IX.
758. *Mythimna pallens* (Linnaeus, 1758) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Knyazevo, Urusovo, Pautovka, Politotdel, Omsk, Krasnyi Oktyabr`, Alabota, Buzan. FP: VI-VIII.
759. *Mythimna pudorina* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Sedelnikovo, Gulyai Pole, Knyazevo, Urusovo, Berezka, Pautovka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.
760. *Mythimna straminea* (Treitschke, 1825) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`. FP: VII-VIII.
761. *Mythimna turca* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Abakshikha, Yakovlevka, Atak, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Urusovo, Berezka, Krasnoyarka, Davydovka, Omsk. FP: VI-VIII.
762. *Mythimna velutina* (Eversmann, 1846) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Davydovka, Omsk, Ataichye, Sholacksor, Krasnyi Oktyabr`, Cherlack, Atmas, Buzan. FP: VII-VIII.
763. *Leucania comma* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Sedelnikovo, Keizes, Gulyai Pole, Bolshiye Murly, Knyazevo, Urusovo, Pautovka, Koshkul`, Serebryanoye, Krasnoyarka, Davydovka, Omsk, Leninsk, Ataichye, Nikolaevka, Krasnyi Oktyabr`, Atmas. FP: VI-VII.
764. *Leucania obsoleta* (Hübner, 1803) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Murly, Omsk, Ebeity, Leninsk, Atmas, Ermak. FP: VI.
765. *Senta flammea* (Curtis, 1828) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Abakshikha, Bolshiye Uki, Petropavlovka, Gulyai Pole, Ataichye. FP: VI.
766. *Lasionycta imbecilla* (Fabricius, 1794) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Atak, Sedelnikovo, Petropavlovka, Gulyai Pole, Koshkul`. FP: VI-VII.
767. *Lasionhada proxima* (Hübner, 1809) – REF: Vnukovsky 1930; Knyazev et al. 2012. LOC: Omsk, Atmas. FP: VI-VII.
768. *Actebia fennica* (Tauscher, 1837) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Omsk. FP: VII-VIII.
769. *Actebia praecox* (Linnaeus, 1758) – REF: Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`. FP: VIII.

770. *Actebia squalida* (Guenée, 1852) – REF: Zolotarenko 1970; Zolotarenko and Dubatolov 2000. LOC: Omsk, Ataichye, Atmas, Buzan. FP: VI-VIII.
771. *Dichagyris lutescens* (Eversmann, 1844) – REF: Lavrov 1927. LOC: Omsk. FP: VI-VII.
772. *Dichagyris musiva* (Hübner, 1803) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Knyazevo, Pautovka, Politotdel, Omsk, Mikhailovka, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
773. *Dichagyris signifera* ([Denis & Schiffermüller], 1775) – REF: Zolotarenko 1970. LOC: Omsk. FP: VI-VII.
774. *Euxoa adumbrata* (Eversmann, 1842) – REF: Lavrov 1927; Kulik and Shvetsova 1940; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`, Atmas. FP: VII-VIII.
775. *Euxoa basigramma* (Staudinger, 1870) – REF: Knyazev et al. 2010c. LOC: Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: VIII.
776. *Euxoa cursoria* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko 1970; Knyazev et al. 2010c. LOC: Berezka, Kharlamovo, Omsk, Atmas. FP: VII-VIII.
777. *Euxoa deserta* (Staudinger, 1870) – REF: Knyazev et al. 2011. LOC: Ebeity, Krasnyi Oktyabr`, Buzan. FP: VIII.
778. *Euxoa distinguenda* (Lederer, 1857) – REF: Knyazev et al. 2011. LOC: Omsk, Krasnyi Oktyabr`, Buzan. FP: VII-VIII.
779. **Euxoa eruta* (Hübner, (1827) – LOC: Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
780. *Euxoa nigricans* (Linnaeus, 1761) – REF: Zolotarenko 1970; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Krasnoyarka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
781. *Euxoa nigrofusca* (Esper, 1788) – REF: Knyazev et al. 2012. LOC: Omsk, Ebeity, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
782. *Euxoa ochrogaster* (Guenée, 1852) – REF: Kulik and Shvetsova 1940; Zolotarenko 1970; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Politotdel, Krasnoyarka, Omsk, Ebeity, Ul`zhai, Mikhailovka, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
783. *Euxoa phantoma* I.Kozhantshikov, 1928 – REF: Zolotarenko 1970; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
784. *Euxoa recussa* (Hübner, 1817) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Sedelnikovo, Gulyai Pole, Omsk, Atmas. FP: VII-VIII.
785. *Euxoa segnilis* (Duponchel, 1836) – REF: Knyazev et al. 2013. LOC: Atmas. FP: VIII.
786. *Euxoa sibirica* (Boisduval, 1832) – REF: Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`. FP: VIII.
787. *Euxoa tristis* (Staudinger, 1897) – REF: Knyazev et al. 2011. LOC: Krasnyi Oktyabr`, Buzan. FP: VIII.

788. *Euxoa tritici* (Linnaeus, 1761) – REF: Kulik and Shvetsova 1940; Zolotarenko 1970; Knyazev et al. 2010c. LOC: Omsk, Cherlack, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
789. *Agrotis bigramma* (Esper, 1790) – REF: Knyazev et al. 2010c. LOC: Krasnyi Oktyabr`, Buzan. FP: VIII.
790. *Agrotis clavis* (Hufnagel, 1766) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Listvyagi, Bolshiye Uki, Petropavlovka, Gulyai Pole, Omsk, Krasnyi Oktyabr`. FP: V-VII.
791. *Agrotis desertorum* Boisduval, 1840 – REF: Zolotarenko 1970; Knyazev et al. 2016. LOC: Omsk, Ermak, Buzan. FP: VII-IX.
792. *Agrotis exclamationis* (Linnaeus, 1758) – REF: Lavrov 1927; Bei-Bienko 1928; Shvetsova Kulik, 1940; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Bolshiye Uki, Samsonovo, Petropavlovka, Knyazevo, Pautovka, Koshkul`, Krasnoyarka, Podgorodka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-VIII.
793. *Agrotis ipsilon* (Hufnagel, 1766) – REF: Vnukovsky 1930; Knyazev et al. 2010c. LOC: Ust-Ishim, Omsk, Ebeity, Ataichye, Krasnyi Oktyabr`, Atmas, Buzan. FP: VI-X.
794. *Agrotis segetum* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Knyazevo, Nalimovo, Berezka, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: V-X.
795. *Agrotis trifurca* Eversmann, 1837 – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Knyazevo, Berezka, Pautovka, Politotdel, Davydovka, Omsk, Ul`zhai, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
796. *Agrotis vestigialis* (Hufnagel, 1766) – REF: Lavrov 1927; Kulik and Shvetsova 1940; Knyazev et al. 2010c. LOC: Omsk, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-VIII.
797. *Axylia putris* (Linnaeus, 1761) – REF: Zolotarenko 1970; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Pautovka, Omsk, Cherlack. FP: V-VIII.
798. *Ochropleura plecta* (Linnaeus, 1761) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Samsonovo, Sedelnikovo, Petropavlovka, Bolshiye Murly, Davydovka, Omsk. FP: VI-VII.
799. *Diarsia brunnea* ([Denis & Schiffermüller], 1775) – REF: Zolotarenko 1970; Knyazev et al. 2011. LOC: Abakshikha, Yakovlevka, Atak, Keizes, Omsk. FP: VI-VII.
800. *Diarsia dahlii* (Hübner, 1813) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Samsonovo, Petropavlovka, Gulyai Pole, Atrachi, Krasnoyarka, Politotdel, Davydovka, Omsk, Mikhailovka, Krasnyi Oktyabr`. FP: VII-IX.
801. *Diarsia mendica* (Fabricius, 1775) – REF: Zolotarenko 1970. LOC: Keizes, Gulyai Pole, Atrachi, Omsk. FP: VI-VII.

802. *Diarsia rubi* (Vieweg, 1790) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Abakshikha, Petropavlovka, Gulyai Pole, Omsk, Atmas. FP: VI-VII.
803. *Cerastis leucographa* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Yakovlevka, Bolshiye Uki, Pospelovo, Davydovka. FP: V.
804. *Cerastis rubricosa* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Ust-Ishim, Yakovlevka, Bolshiye Uki, Pospelovo, Samsonovo, Novotroitskoye, Tatarka. FP: VI-IX.
805. *Paradiarsia punicea* (Hübner, 1803) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Ust-Ishim, Abakshikha, Yakovlevka, Bolshiye Uki, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Urusovo, Davydovka. FP: VI-VII.
806. *Netrocerocora quadrangula* (Eversmann, 1844) – REF: Knyazev et al. 2011. LOC: Gulyai Pole, Urusovo, Koshkul`, Davydovka, Ebeity, Ataichye, Nikolaevka. FP: VI.
807. *Pseudohermonassa melancholica* (Lederer, 1853) – REF: Knyazev et al. 2010c. LOC: Basly, Petropavlovka, Okunevo, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Atmas, Novovarshavka, Buzan. FP: VII-VIII.
808. *Rhyacia simulans* (Hufnagel, 1766) – REF: Knyazev et al. 2010c. LOC: Sholacksor, Krasnyi Oktyabr`. FP: VI-VIII.
809. *Chersotis cuprea* ([Denis & Schiffermüller], 1775) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Basly, Muromtsevo, Atrachi. FP: VII-VIII.
810. *Chersotis deplanata* (Eversmann, 1843) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Krasnoyarka, Omsk. FP: VII-VIII.
811. *Chersotis transiens* (Staudinger, 1897) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Omsk, Ebeity, Mikhailovka, Krasnyi Oktyabr`, Atmas, Alabota, Buzan. FP: VII-VIII.
812. *Noctua interposita* (Hübner, 1790) – REF: Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Gulyai Pole, Pautovka, Davydovka, Omsk, Ataichye, Ul`zhai, Krasnyi Oktyabr`, Alabota. FP: VI-IX.
813. *Cryptocala chardinyi* (Boisduval, 1829) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Sedelnikovo, Keizes, Petropavlovka, Berezka, Krasnoyarka, Davydovka, Krasnyi Oktyabr`, Novovarshavka. FP: VI-VII.
814. *Spaelotis ravida* ([Denis & Schiffermüller], 1775) – REF: Tshugunov 1911; Lavrov 1927; Zolotarenko 1970; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Petropavlovka, Pautovka, Berezka, Davydovka, Omsk, Leninsk, Ataichye, Ul`zhai, Nikolaevka, Krasnyi Oktyabr`, Atmas, Ermak, Buzan. FP: VI-IX.
815. *Spaelotis suecica* (Aurivillius, 1889) – REF: Knyazev et al. 2013. LOC: Omsk, Atmas. FP: VII-VIII.
816. *Opigena polygona* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927. LOC: Omsk, Ul`zhai. FP: VIII-IX.
817. *Graphiphora augur* (Fabricius, 1775) – REF: Zolotarenko 1970; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c; Knyazev et al. 2011. LOC: Yakovlevka, Knyazevo, Berezka, Omsk, Atmas. FP: VII.

818. *Eurois occulta* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Ust-Ishim, Listvyagi, Bolshiye Uki, Keizes, Petropavlovka, Knyazevo, Kordon, Koshkul`, Pautovka, Davydovka, Omsk, Cherlack, Atmas, Novovarshavka, Buzan. FP: VI-VIII.
819. *Anaplectoides prasina* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Abakshikha, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas. FP: VI-VIII.
820. *Xestia baja* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Listvyagi, Abakshikha, Bolshiye Uki, Keizes, Petropavlovka, Knyazevo, Atrachi, Moskalenki, Davydovka, Omsk, Cherlack, Krasnyi Oktyabr`, Atmas, Buzan. FP: VII-IX.
821. *Xestia c-nigrum* (Linnaeus, 1758) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Bolshiye Uki, Petropavlovka, Gulyai Pole, Knyazevo, Pautovka, Serebryanoye, Lezhanka, Urusovo, Moskalenki, Omsk, Syropyatskoye, Sholacksor, Ul`zhai, Krasnyi Oktyabr`, Buzan, Russkaya Polyana. FP: VI-IX.
822. *Xestia ditrapezium* ([Denis & Schiffermüller], 1775) – REF: Zolotarenko 1970; Knyazev et al. 2010c. LOC: Listvyagi, Yakovlevka, Bolshiye Uki, Samsonovo, Keizes, Petropavlovka, Knyazevo, Nalimovo, Urusovo, Pautovka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VIII.
823. **Xestia sexstrigata* (Haworth, 1809) –LOC: Mikhailovka. FP: VIII.
824. *Xestia triangulum* (Hufnagel, 1766) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Abakshikha, Petropavlovka, Gulyai Pole, Knyazevo, Pautovka, Krasnoyarka, Davydovka, Omsk, Mikhailovka, Krasnyi Oktyabr`. FP: VI-VIII.
825. *Eugraphe sigma* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Zolotarenko and Dubatolov 2000; Knyazev et al. 2010c. LOC: Petropavlovka, Krasnoyarka, Davydovka, Omsk, Krasnyi Oktyabr`, Cherlack, Atmas. FP: VI-VII.
826. *Coenophila subrosea* (Stephens, 1829) – REF: Knyazev et al. 2010c. LOC: Basly, Samsonovo, Gulyai Pole. FP: VII-VIII.
827. *Protolampra sobrina* (Duponchel, 1843) – REF: Zolotarenko 1970; Knyazev et al. 2010c; Knyazev et al. 2012. LOC: Bolshiye Uki, Basly, Keizes, Gulyai Pole, Podgorodka, Omsk, Atmas. FP: VII-VIII.
828. *Sineugraphe exusta* (Butler, 1878) – REF: Knyazev et al. 2010c. LOC: Bolshiye Uki, Samsonovo, Okunevo, Nalimovo, Politotdel, Krasnoyarka, Davydovka, Omsk, Novovarshavka. FP: VII-VIII.
829. *Eugnorisma miniago* (Freyer, 1839) – REF: Knyazev et al. 2013. LOC: Ebeity, Ul`zhai, Atmas. FP: VIII-IX.
830. *Naenia typica* (Linnaeus, 1758) – REF: Knyazev et al. 2011. LOC: Atak. FP: VII.

831. *Nyssocnemis eversmanni* (Lederer, 1853) – REF: Lavrov 1927; Knyazev et al. 2010c. LOC: Muromtsevo, Politotdel, Omsk, Syropyatskoye, Ul`zhai, Krasnyi Oktyabr`. FP: VIII-IX.

## Hesperiidae

Pyrginae

832. *Erynnis tages* (Linnaeus, 1758) – REF: Knyazev 2009. LOC: Orekhovo, Kushma. FP: V-VI.
833. *Carcharodus alceae* (Esper, 1780) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Serebryanoye, Davydovka, Omsk, Ebeity. FP: V-VI.
834. *Carcharodus flocciferus* (Zeller, 1847) – REF: Kosterin and Ponomarev 2002; Kosterin et al. 2007; Knyazev 2009. LOC: Petropavlovka, Knyazevo, Berezka, Krasnoyarka, Omsk. FP: VI-VII.
835. *Syrichtus cribrellum* (Eversmann, 1841) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Omsk, Amrinskaya Balka, Ebeity, Sholacksor, Krasnyi Oktyabr`, Alabota. FP: VI-IX.
836. *Syrichtus tessellum* (Hübner, 1803) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Knyazevo, Berezka, Pavlodarovka, Davydovka, Lugovaya, Omsk, Ignatovo, Orlovka, Amrinskaya Balka, Sholacksor, Krasnyi Oktyabr`, Alabota, Khlebodarovka. FP: VI-VIII.
837. *Spialia orbifer* (Hübner, 1823) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Gulyai Pole, Knyazevo, Davydovka, Krasnyi Oktyabr`, Atmas. FP: VI-VII.
838. *Pyrgus alveus* (Hübner, 1803) – REF: Lavrov 1927; Knyazev 2009. LOC: Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Bolshiye Murly, Chernoluchye, Davydovka, Omsk. FP: V-VI.
839. *Pyrgus malvae* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev 2009. LOC: Samsonovo, Atak, Petropavlovka, Gulyai Pole, Bolshiye Murly, Knyazevo, Novokievskaya, Serebryanoye, Davydovka, Omsk, Novotroitskoye, Krutye Luki, Ebeity, Krasnyi Oktyabr`, Alabota, Khlebodarovka. FP: V-VI.
840. *Pyrgus serratulae* (Rambur, 1839) – REF: Knyazev 2009. LOC: Petropavlovka, Davydovka. FP: VI.

Hesperiinae

841. *Heteropterus morpheus* (Pallas, 1771) – REF: Lavrov 1927; Kosheleva 1999; Kosterin et al. 2007; Knyazev 2009. LOC: Orekhovo, Kushma, Yakovlevka, Sedelnikovo, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Koshkul`, Lugovaya, Davydovka, Podgorodka, Lesnoye, Omsk, Orlovka, Cherlack. FP: VI-VII.
842. *Carterocephalus palaemon* (Pallas, 1771) – REF: Kosterin 1998; Kosterin and Ponomarev 2002; Knyazev 2009. LOC: Orekhovo, Bolshiye Uki, Samsonovo,

Atak, Sedelnikovo, Petropavlovka, Bolshiye Murly, Knyazevo, Politotdel, Partsyezd, Davydovka, Omsk. FP: V-VI.

843. *Carterocephalus silvicola* (Meigen, 1829) – REF: Knyazev 2009. LOC: Orekhovo, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Bolshiye Murly. FP: V-VI.

844. *Thymelicus lineola* (Ochsenheimer, 1808) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Gulyai Pole, Knyazevo, Serebryanoye, Chernoluchye, Davydovka, Luzino, Omsk, Orlovka, Krasnyi Oktyabr`, Alabota. FP: VI-IX.

845. *Ochlodes sylvanus* (Esper, 1777) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Orekhovo, Tevriz, Tara, Sedelnikovo, Petropavlovka, Knyazevo, Davydovka, Omsk, Kulikovo, Russkaya Polyana. FP: VI-VII.

846. *Hesperia comma* (Linnaeus, 1758) – REF: Kosterin 1998; Kosterin et al. 2007; Knyazev 2009. LOC: Petropavlovka, Knyazevo, Davydovka, Omsk, Fadino, Krasnyi Oktyabr`. FP: VI-IX.

## Papilionidae

Parnassiinae

847. *Parnassius apollo* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Knyazev 2009; Red Book 2006, 2015. LOC: Petropavlovka, 624 km., Andreevka, Davydovka, Podgorodka, Omsk, Novaya Stanitsa, Ust-Zaostrovka, Ataichye, Krasnyi Oktyabr`. FP: VI-VII.

Papilioninae

848. *Iphiclides podalirius* (Linnaeus, 1758) – REF: Red Book 2006, 2015. LOC: Isil`kul`, Fyodorovka, Omsk. FP: VI-VII.

849. *Papilio machaon* Linnaeus, 1758 – REF: Vnukovsky 1926; Lavrov 1927; Bei-Bienko 1928; Kosheleva 1999; Kosheleva 2001; Kosheleva 2006; Knyazev 2009. LOC: Listvyagi, Yakovlevka, Bolshye Uki, Firstovo, Samsonovo, Atak, Petropavlovka, Gulyai Pole, Serebryanoye, Knyazevo, Bolshye Murly, Sidorovka, Politotdel, Davydovka, Omsk, Novaya Stanitsa, Kulikovo, Orlovka, Ebeity, Krasnyi Oktyabr`, Buzan. FP: V-VIII.

## Pieridae

Dismorphiinae

850. *Leptidea morsei* (Fenton, 1881) – REF: Kosheleva 2001; Kosterin and Ponomarev 2002; Kosterin et al. 2007; Knyazev 2009. LOC: Orekhovo, Atak, Se-

delnikovo, Petropavlovka, Bolshiye Murly, Davydovka, Omsk, Ust`-Zaostrovka. FP: V-VIII.

851. *Leptidea juvernica* Williams, 1946 – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Davydovka, Omsk, Berezovka, Krasnyi Oktyabr`, Poltavka, Alabota. FP: V-VIII.
852. *Leptidea sinapis* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Firstovo, Tara, Atak, Petropavlovka, Knyazevo, Serebryanoye, Bolshiye Murly, Politotdel, Davydovka, Omsk, Milogradovka, Orlovka, Krasnyi Oktyabr`. FP: V-VIII.

Pierinae

853. *Antocharis cardamines* (Linnaeus, 1758) – REF: Kosheleva 1999; Kosheleva 2001; Kosterin et al. 2007; Knyazev 2009. LOC: Kushma, Listvyagi, Abakshikha, Bolshiye Uki, Samsonovo, Atak, Petropavlovka, Knyazevo, Davydovka. FP: V-VI.
854. *Zegris eupheme* (Esper, (1805) – REF: Kosterin and Ponomarev 2002; Red Book 2006; Knyazev 2009; Red Book 2015; Knyazev et al. 2016. LOC: Davydovka, Ermak. FP: V.
855. *Aporia crataegi* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Orekhovo, Bolshiye Uki, Samsonovo, Atak, Sedelnikovo, Elnichnoye, Petropavlovka, Bolshiye Murly, Koshkul`, Chernoluchye, Lugovaya, Davydovka, Podgorodka, Omsk, Kulikovo, Orlovka, Atmas, Russkaya Polyana. FP: V-VI.
856. *Pieris brassicae* (Linnaeus, 1758) – REF: Vnukovsky 1926; Kosterin 1998; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Knyazevo, Bolshiye Murly, Pautovka, Lesnoye, Serebryanoye, Chernoluchye, Davydovka, Omsk, Orlovka. FP: VI-VIII.
857. *Pieris napi* (Linnaeus, 1758) – REF: Lavrov 1927; Bei-Bienko 1928; Kosheleva 1999; Knyazev 2009. LOC: Firstovo, Samsonovo, Sedelnikovo, Petropavlovka, Knyazevo, Bolshiye Murly, Sidorovka, Lesnoye, Politotdel, Davydovka, Omsk, Novotroitskoye, Berezovka. FP: V-VIII.
858. *Pieris rapae* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Bei-Bienko 1928; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Firstovo, Petropavlovka, Bolshiye Murly, Serebryanoye, Knyazevo, Novokievskaya, Pautovka, Sidorovka, Davydovka, Omsk, Kulikovo, Presnovka, Ebeity, Krasnyi Oktyabr`, Alabota, Russkaya Polyana. FP: V-IX.
859. *Pontia chloridice* (Hübner, 1813) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Davydovka, Omsk, 23 km., Sholacksor, Ul`zhai, Krasnyi Oktyabr`, Alabota, Buzan. FP: V-VIII.
860. *Pontia edusa* (Fabricius, 1777) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Bolshiye Uki, Atak, Petropavlovka, Knyazevo,

Novokievskaya, Pautovka, Politotdel, Maryanovka, Luzino, Davydovka, Omsk, 23 km., Ul`zhai, Krasnyi Oktyabr`, Alabota, Buzan. FP: V-IX.

861. *Pontia callidice* (Hübner, 1800) – REF: Kosterin 1998; Kosterin and Ponomarev 2002; Knyazev 2009. LOC: Petropavlovka, Polovinka, Fadino, Plemzavod, Krasnyi Oktyabr`. FP: V-VIII.

Coliadinae

862. *Colias chrysotheme* (Esper, 1781) – REF: Lavrov 1927; Kosterin et al. 2007; Knyazev 2009. LOC: Serebryanoye, Omsk, Leninsk, Lebyazhye, Platovo, Ataichye, Ul`zhai, Krasnyi Oktyabr`, Alabota, Buzan. FP: V-VIII.
863. *Colias erate* (Esper, 1803) – REF: Knyazev 2009. LOC: Alabota. FP: VII.
864. *Colias hyale* (Linnaeus, 1758) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Ust-Ishim, Bolshiye Uki, Petropavlovka, Bolshiye Murly, Serebryanoye, Knyazevo, 624 km., Koshkul`, Sidorovka, Plemzavod, Maryanovka, Lugovaya, Davydovka, Omsk, Syropyatskoye, Orlovka, Krasnyi Oktyabr`, Karazyuk, Alabota, Buzan. FP: V-IX.
865. *Colias palaeno* (Linnaeus, 1761) – REF: Kosterin and Ponomarev 2002; Knyazev 2009. LOC: Ust-Ishim, Ekaterinovka, Abakshikha, Yakovlevka, Basly, Petropavlovka, Koshkul`, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.
866. *Gonepteryx rhamni* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 1999; Kosheleva 2001; Kosheleva 2006; Knyazev 2009. LOC: Orekhovo, Yakovlevka, Bolshiye Uki, Firstovo, Tara, Samsonovo, Atak, Petropavlovka, Gulyai Pole, Bolshiye Murly, Serebryanoye, 27 km., Davydovka, Omsk, Krasnyi Oktyabr`. FP: IV-V, VII-VIII.

## Lycaenidae

Theclinae

867. *Thecla betulae* (Linnaeus, 1758) – REF: Kosterin 1998; Knyazev 2009. LOC: 25 km SE of Tevriz, Listvyagi, Petropavlovka, Omsk, Sad Komissarova. FP: VII-IX.
868. *Nordmannia pruni* (Linnaeus, 1758) – REF: Knyazev 2009. LOC: Abakshikha, Yakovlevka, Elnichnoye, Petropavlovka. FP: VI-VII.
869. *Nordmannia w-album* (Knoch, 1782) – REF: Kosheleva 1999; Korshunov, 2002; Kosterin et al. 2007; Knyazev 2009. LOC: Isil`kul`, Omsk. FP: VI-VII.
870. *Callophrys rubi* (Linnaeus, 1758) – REF: Kosterin 1998; Kosheleva 1999; Knyazev 2009. LOC: Basly, Samsonovo, Atak, Petropavlovka, Gulyai Pole, Krasnoyarka, Podgorodka, Lugovaya, Omsk. FP: V-VI.
871. *Ahlbergia frivaldszkyi* (Lederer, 1853) – REF: Red Book 2006; Red Book, 2015; Knyazev et al. 2016. LOC: Samsonovo, Ekaterininskoye. FP: V-VI.

Lycaeninae

872. *Lycaena alciphron* (Rottemburg, 1775) – REF: Lavrov 1927; Knyazev 2009. LOC: Krasnoyarka, Chernoluchye, Lugovaya, Davydovka, Omsk, Kovalevo, Krasnyi Oktyabr`. FP: VI-VIII.
873. *Lycaena dispar* (Haworth, 1802) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Ekaterinovka, Abakshikha, Yakovlevka, Forpost, Samsonovo, Tara, Atak, Petropavlovka, Gulyai Pole, Knyazevo, Pavlodarovka, Koshkul`, Lesnoye, Lugovaya, Zelenovka, Davydovka, Omsk, Atmas, Khlebodarovka. FP: VI-VIII.
874. *Lycaena helle* ([Denis & Schiffermüller], 1775) – REF: Lavrov 1927; Red Book 2015. LOC: Samsonovo, Omsk. FP: V-VI.
875. *Lycaena hippothoe* (Linnaeus, 1761) – REF: Kosheleva 2001; Knyazev 2009. LOC: Orekhovo, Atak, Petropavlovka, Gulyai Pole. FP: VI-VII.
876. *Lycaena phlaeas* (Linnaeus, 1761) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Atak, Petropavlovka, Gulyai Pole, Sidorovka, Krasnoyarka, Davydovka, Omsk, Syropyatskoye, Krasnyi Oktyabr`, Buzan, Alabota. FP: V-VI, VIII-IX.
877. *Lycaena thersamon* (Esper, 1784) – REF: Kosterin and Ponomarev 2002; Knyazev 2009. LOC: Knyazevo, Davydovka, Omsk, Partsyezd, Krasnyi Oktyabr`, Ermak, Buzan, Russkaya Polyana. FP: V-VIII.
878. *Lycaena tityrus* (Poda, 1761) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Serebryanoye, 624 km., Aksenovo, Krasnoyarka, Lugovaya, Davydovka, Omsk, Krasnyi Oktyabr`, Bogdanovka, Buzan. FP: V-VI, VIII-IX.
879. *Lycaena virgaureae* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Grinevichi, Forpost; Samsonovo, Keizes, Petropavlovka, Knyazevo, 624 km., Chernoluchye, Aksenovo, Davydovka, Omsk. FP: VI-IX.

Pollyomatinae

880. *Cupido minimus* (Fuessly, 1775) – REF: Lavrov 1927; Knyazev 2009. LOC: Orekhovo, Kushma, Samsonovo, Sedelnikovo, Petropavlovka, Omsk, Alabota. FP: VI-VII.
881. *Cupido osiris* (Meigen, 1829) – REF: Lavrov 1927; Red Book 2015; Knyazev et al. 2016. LOC: Omsk, Novotsaritsyno, Orlovka, Ermak. FP: V-VII.
882. *Everes alcetas* (Hoffmannsegg, 1804) – REF: Knyazev 2009. LOC: Kushma, Ust`-Ishim, Yakovlevka, Samsonovo, Sedelnikovo, Petropavlovka. FP: VI-VII.
883. *Everes argiades* (Pallas, 1771) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Knyazev 2009. LOC: Ust-Ishum, Listvyagi, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Serebryanoye, Chernoluchye, Davydovka, Omsk, Syropyatskoye, Krutye Luki, Berezovka, Orlovka, Krasnyi Oktyabr`. FP: V-IX.

884. *Tongeia fischeri* (Eversmann, 1843) – REF: Knyazev et al. 2017. LOC: Serebryanoye. FP: V-VI.
885. *Celastrina argiolus* (Linnaeus, 1758) – REF: Kosterin 1998; Kosheleva 1999; Knyazev 2009. LOC: Listvyagi, Yakovlevka, Samsonovo, Tambovka, Petropavlovka, Gulyai Pole, Knyazevo, Chernoluchye, Lugovaya, Davydovka, Omsk. FP: V-VI.
886. *Scolitantides orion* (Pallas, 1771) – REF: Kosterin et al. 2007; Red Book 2015. LOC: Davydovka. FP: V-VI.
887. *Pseudophilotes vicrama* (Moore, 1865) – REF: Knyazev 2009; Knyazev et al. 2012; Red Book 2015. LOC: Achair, Orlovka, Krasnyi Oktyabr`, Atmas. FP: VI.
888. *Glaucopsyche alexis* (Poda, 1761) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Orekhovo, Kushma. Ust-Ishim, Sedelnikovo, Petropavlovka, Knyazevo, Serebryanoye, Koshkul`, Davydovka, Omsk, Orlovka, Ataichye, Krasnyi Oktyabr`, Atmas, Bogdanovka, Alabota, Russkaya Polyana. FP: V-VII.
889. *Glaucopsyche lycormas* (Butler, 1866) – REF: Kosterin and Ponomarev 2002; Kosterin et al. 2007; Knyazev 2009. LOC: Samsonovo, Atak, Sedelnikovo, Petropavlovka, Davydovka, Omsk, Atmas. FP: V-IX.
890. *Phengaris alcon* ([Denis & Schiffermüller], 1775) – REF: Kosheleva 2001; Kosterin et al. 2007; Knyazev 2009. LOC: Bolshiye Uki, Pavlodarovka, Knyazevo, Novokievskaya, Lugovaya, Davydovka, Omsk. FP: VI-VII.
891. *Phengaris arion* (Linnaeus, 1758) – REF: Kosterin and Ponomarev 2002; Knyazev 2009; Knyazev et al. 2012. LOC: Mys, Gulyai Pole, Knyazevo, Novokievskaya, Politotdel, Davydovka, Omsk, Ust-Zaostrovka, Orlovka. FP: VI-VII.
892. *Phengaris nausithous* (Bergsträsser, 1779) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Gulyai Pole, Davydovka, Omsk. FP: VI-VII.
893. *Phengaris teleius* (Bergsträsser, 1779) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Ust-Ishim, Listvyagi, Samsonovo, Muromtsevo, Knyazevo, Pavlodarovka, Chernoluchye, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VIII.
894. *Plebeius argus* (Linnaeus, 1758) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Ust-Ishim, Tevriz, Abakshikha, Firstovo, Forpost; Basly, Bolshiye Uki, Tara, Sedelnikovo, Petropavlovka, Mys, Gulyai Pole, Knyazevo, Berezka, Koshkul`, Pavlodarovka, Politotdel, Luzino, Davydovka, Omsk, Orlovka, Ataichye, Krasnyi Oktyabr`, Alabota, Russkaya Polyana. FP: VI-VII.
895. *Plebeius argyrognomon* (Bergsträsser, 1779) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Knyazev 2009. LOC: Knyazevo, Omsk, Kalatshinsk, Presnovka, Leninsk, Ataichye, Krasnyi Oktyabr`, Atmas, Alabota, Russkaya Polyana. FP: V-VIII.

896. *Plebeius idas* (Linnaeus, 1761) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Sedelnikovo, Petropavlovka, Omsk, Kormilovka, Ebeity, Krasnyi Oktyabr`, Atmas. FP: VI-VIII.
897. *Plebejidea cyane* (Eversmann, 1837) – REF: Knyazev 2009; Red Book 2015; Knyazev et al. 2016. LOC: Ebeity, Ataichye, Krasnyi Oktyabr`, Atmas, Ermak, Buzan. FP: VI.
898. *Vacciniina optilete* (Knoch, 1781) – REF: Knyazev 2011. LOC: Ust-Ishim, Basly, Samsonovo, Petropavlovka, Gulyai Pole, Koshkul`. FP: VI-VII.
899. *Plebejides pylaon* (Fischer de Waldheim, 1832) – REF: Knyazev et al. 2013; Red Book 2015. LOC: Omsk, Ul`zhai. FP: V-IX.
900. *Aricia artaxerxes* (Fabricius, 1793) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Saurgachi, Orekhovo, Kaingash, Listvyagi, Samsonovo, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Koshkul`, Pavlodarovka, Alekseevskoye, Davydovka, Omsk. FP: VI-VIII.
901. *Eumedonia eumedon* (Esper, 1780) – REF: Lavrov 1927; Knyazev 2009. LOC: Firstovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Pavlodarovka, Lugovaya, Davydovka, Omsk, Orlovka. FP: VI-VII.
902. *Polyommatus amandus* (Schneider, 1792) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Ust-Ishim, Kushma, Listvyagi, Grinevichi, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, 624 km., Koshkul`, Politotdel, Lugovaya, Davydovka, Omsk, Ignatovo, Kulikovo, Orlovka, Krasnyi Oktyabr`, Atmas, Alabota, Russkaya Polyana. FP: VI-VII.
903. *Polyommatus boisduvalii* (Herrich-Schäffer, 1843) – REF: Knyazev 2009. LOC: Serebryanoye, Knyazevo, Omsk. FP: VI-VII.
904. *Polyommatus icarus* (Rottemburg, 1775) – REF: Tshugunov 1911; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Knyazevo, Serebryanoye, Chernoluchye, Lugovaya, Davydovka, Omsk, Syropyatskoye, Kulikovo, Ebeity, Orlovka, Leninsk, Ul`zhai, Krasnyi Oktyabr`, Atmas, Alabota, Russkaya Polyana, Khlebodarovka. FP: V-IX.
905. *Polyommatus thersites* (Cantener, 1835) – REF: Knyazev 2009. LOC: Lugovaya, Omsk, Novotsaritsyno, Orlovka, Ul`zhai, Krasnyi Oktyabr`, Alabota. FP: V-VIII.
906. *Polyommatus semiargus* (Rottemburg, 1775) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Orekhovo, Kushma, Petropavlovka, Knyazevo, Berezka, Serebryanoye, Novokievskaya, Koshkul`, Lugovaya, Davydovka, Omsk, Kulikovo, Presnovka, Orlovka, Krasnyi Oktyabr`, Russkaya Polyana. FP: VI-VII.
907. *Agrodiaetus damon* ([Denis & Schiffermüller], 1775) – REF: Tshugunov 1911; Lavrov 1927; Knyazev 2009. LOC: Omsk, Syropyatskoye, Atmas. FP: VII.
908. *Agrodiaetus ripartii* (Freyer, 1830) – REF: Knyazev et al. 2016. LOC: Atmas, Ermak, Buzan. FP: VII-VIII.

## Nymphalidae

### Apaturinae

909. *Apatura iris* (Linnaeus, 1758) – REF: Knyazev and Kosterin 2003; Kosheleva 2006; Kosterin et al. 2007; Knyazev 2009; Knyazev et al. 2016; Red Book 2006, 2015; Knyazev et al. 2016. LOC: 25 km SE of Tevriz, Listvyagi, Tshebatshikha, Yakovlevka, Samsonovo, Petropavlovka, Omsk. FP: VI-VII.
910. *Apatura metis* Freyer, 1829 – REF: Kosterin 1998; Kosheleva 1999; Kosterin et al. 2007; Knyazev 2009; Red Book 2006, 2015. LOC: Chernoluchye, Omsk, Krutye Luki, Cherlack. FP: VI-VII.

### Nymphalinae

911. *Limenitis populi* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Listvyagi, Abakshikha, Yakovlevka, Atak, Sedelnikovo, Keizes, Petropavlovka, Knyazevo, Pautovka, Pavlodarovka, Ignatovo, Omsk. FP: VI-VII.
912. *Neptis rivularis* (Scopoli, 1763) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Samsonovo, Sedelnikovo, Keizes, Elnichnoye, Petropavlovka, Knyazevo, Serebryanoye, Pavlodarovka, Lesnoye, Krasnoyarka, Lugovaya, Davydovka, Podgorodka, Omsk, Kalatshinsk, Presnovka, Krasnyi Oktyabr`. FP: V-VII.
913. *Neptis sappho* (Pallas, 1771) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Yakovlevka, Samsonovo, Petropavlovka, Politotdel, Podgorodka. FP: V-VII.
914. *Nymphalis antiopa* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Yakovlevka, Petropavlovka, Knyazevo, Lesnoye, Podgorodka, Davydovka, Omsk, Krasnyi Oktyabr`, Novovarshavka. FP: IV-V, VII-IX.
915. *Nymphalis vaualbum* ([Denis & Schiffermüller], 1775) – REF: Kosterin 1998; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Listvyagi, Lezhanka, Krasnoyarka, Podgorodka, Davydovka, Omsk. FP: IV-V, VII-IX.
916. *Nymphalis xanthomelas* (Esper, 1781) – REF: Kosterin 1998; Kosheleva 1999; Knyazev 2009. LOC: Tevriz, Yakovlevka, Pospelovo, Petropavlovka, Serebryanoye, Knyazevo, Berezka, Oktyabrskyi, Pavlodarovka, Pautovka, Lesnoye, Davydovka, Podgorodka, Omsk, Alabota. FP: IV-V, VI-IX.
917. *Aglais urticae* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Bolshiye Uki, Forpost, Tara, Petropavlovka, Berezka, Oktyabrskyi, Serebryanoye, Lezhanka, Lesnoye, Lugovaya, Davydovka, Luzino, Omsk, Krasnyi Oktyabr`. FP: IV-V, VII-IX.
918. *Inachis io* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Yakovlevka, Pospelovo, Basly, Samsonovo, Petropav-

lovka, Bolshiye Murly, Knyazevo, Oktyabrskyi, Lezhanka, Davydovka, Omsk, Krasnyi Oktyabr`. FP: IV-V, VII-IX.

919. *Polygonia c-album* (Linnaeus, 1758) – REF: Vnukovsky 1926; Vnukovsky 1930; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Yakovlevka, Firstovo, Samsonovo, Petropavlovka, Gulyai Pole, Oktyabrskyi, Politotdel, Luzino, Podgorodka, Davydovka, Omsk. FP: IV-V, VII-IX.
920. *Vanessa atalanta* (Linnaeus, 1758) – REF: Lavrov 1927; Vnukovsky 1930; Logatshev 1949; Kosheleva 2006; Knyazev 2009. LOC: Ust-Ishim, Tevriz, Listvyagi, Bolshiye Uki, Petropavlovka, Knyazevo, Serebryanoye, Podgorodka, Omsk, Achair, Krasnyi Oktyabr`. FP: VII-IX.
921. *Vanessa cardui* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Ekaterinovka, Bolshiye Uki, Forpost, Petropavlovka, Bolshiye Murly, Serebryanoye, Lesnoye, Plemzavod, Aksenovo, Davydovka, Omsk, Kulikovo, Presnovka, Ebeity, Leninsk, Krasnyi Oktyabr`, Alabota. FP: V-IX.
922. *Araschnia levana* (Linnaeus, 1758) – REF: Kosterin 1998; Kosheleva 1999; Kosheleva 2001; Kosheleva 2006; Knyazev 2009. LOC: Bolshiye Uki, Firstovo, Samsonovo, Atak, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Bolshiye Murly, Serebryanoye, Davydovka, Omsk, Berezovka. FP: V-VIII.
923. *Euphydryas maturna* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Samsonovo, Tara, Elnichnoye, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Novokievskaya, Plemzavod, Pavlodarovka, Lesnoye, Davydovka, Podgorodka. FP: V-VI.
924. *Melitaea cinxia* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Knyazevo, Lesnoye, Lugovaya, Davydovka, Ignatovo, Omsk, Ebeity, Krasnyi Oktyabr`, Atmas, Ermak, Alabota, Russkaya Polyana, Khlebodarovka. FP: VI-VII.
925. *Melitaea didyma* (Esper, 1778) – REF: Lavrov 1927; Knyazev 2009. LOC: Podgorodka, Davydovka, Omsk, Kulikovo, Ul`zhai, Atmas, Buzan. FP: V-VII.
926. *Melitaea phoebe* ([Denis & Schiffermüller], 1775) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Firstovo, Atak, Sedelnikovo, Petropavlovka, Gulyai Pole, Berezka, Knyazevo, Pautovka, Plemzavod, Politotdel, Lugovaya, Davydovka, Luzino, Omsk, Kalatshinsk, Ebeity, Russkaya Polyana, Khlebodarovka. FP: VI-VII.
927. *Mellicta athalia* (Rottemburg, 1775) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Orekhovo, Petropavlovka, Gulyai Pole, Berezka, Chernoluchye, Lugovaya, Davydovka, Plemzavod, Omsk, Ignatovo, Orlovka, Russkaya Polyana. FP: VI-VIII.
928. *Mellicta aurelia* Nickerl, 1850 – REF: Tshugunov 1911; Lavrov 1927; Knyazev 2009. LOC: Orekhovo, Davydovka, Novaya Stanitsa, Kalatshinsk, Kulikovo, Krasnyi Oktyabr`, Russkaya Polyana. FP: VI-VII.

929. *Mellicta britomartis* Assmann, 1847 – REF: Vnukovsky 1930; Kosterin et al. 2007; Knyazev 2009. LOC: Chebachikha, Petropavlovka, Gulyai Pole, Politotdel, Davydovka, Omsk, Krasnyi Oktyabr`. FP: VI-VII.
930. *Clossiana angarensis* (Erschoff, 1870) – REF: Knyazev et al. 2013; Red Book 2015. LOC: Ust-Ishim, Gulyai Pole. FP: VII.
931. *Clossiana dia* (Linnaeus, 1767) – REF: Tshugunov 1911; Lavrov 1927; Knyazev 2009. LOC: Bolshiye Uki, Samsonovo, Petropavlovka, Gulyai Pole, Sidorovka, Davydovka, Omsk, Syropyatskoye, Bogdanovka, Atmas. FP: V-IX.
932. *Clossiana eunomia* (Esper, 1799) – REF: Knyazev et al. 2013. LOC: Gulyai Pole, Koshkul`. FP: VI.
933. *Clossiana euphrosyne* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 2001; Knyazev 2009. LOC: Orekhovo, Atak, Petropavlovka, Bolshiye Murly, Davydovka, Omsk. FP: V-VII.
934. *Clossiana freija* (Thunberg, 1791) – REF: Knyazev et al. 2011; Red Book 2015. LOC: Basly, Gulyai Pole. FP: V.
935. *Clossiana selene* ([Denis & Schiffermüller], 1775) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Orekhovo, Kushma, Samsonovo, Sedelnikovo, Elnichnoye, Mys, Davydovka. FP: V-VIII.
936. *Clossiana thore* (Hübner, 1803) – REF: Knyazev 2009; Red Book 2015. LOC: Listvyagi, Abakshikha, Tavolzhan, Samsonovo. FP: VI-VII.
937. *Boloria aquilonaris* (Stichel, 1908) – REF: Knyazev et al. 2013; Red Book 2015. LOC: Ust-Ishim, Abakshikha, Chugunly, Gulyai Pole. FP: VI-VII.
938. *Brenthis hecate* ([Denis & Schiffermüller], 1775) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Knyazev 2009. LOC: Davydovka, Omsk, Kalatshinsk, Orlovka, Krasnyi Oktyabr`, Alabota, Buzan. FP: VI-VII.
939. *Brenthis ino* (Rottemburg, 1775) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Kaingash, Samsonovo, Tara, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Serebryanoye, Isakovka, Pavlodarovka, Politotdel, Ignatovo, Davydovka, Omsk, Syropyatskoye, Kalatshinsk, Kulikovo, Krasnyi Oktyabr`. FP: VI-VIII.
940. *Issoria lathonia* (Linnaeus, 1758) – REF: Kosterin 1998; Kosheleva 1999; Knyazev 2009. LOC: Ust-Ishim, Atak, Berezka, Pavlodarovka, Lugovaya, Omsk, Fadino. FP: VI-IX.
941. *Argynnis adippe* ([Denis & Schiffermüller], 1775) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Listvyagi, Samsonovo, Tara, Keizes, Petropavlovka, Knyazevo, Serebryanoye, Isakovka, 624 km., Pavlodarovka, Davydovka, Omsk, Kalatshinsk, Krasnyi Oktyabr`. FP: VI-VIII.
942. *Argynnis aglaja* (Linnaeus, 1758) – REF: Tshugunov 1911; Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Kaingash, Firstovo, Tara, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Berezka, Pautovka, Luzino, Davydovka, Omsk, Kalatshinsk. FP: VI-VIII.
943. *Argynnis laodice* (Pallas, 1771) – REF: Kosheleva 2006; Kosterin et al. 2007; Knyazev 2009; Red Book 2006, 2015. LOC: Listvyagi, Petropavlovka. FP: VII-VIII.

944. *Argynnis niobe* (Linnaeus, 1758) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Knyazev 2009. LOC: Kaingash, Samsonovo, Petropavlovka, Knyazevo, Berezka, Pautovka, Davydovka, Omsk, Kalatshinsk, Orlovka. FP: VI-VIII.
945. *Argynnis paphia* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 1999; Kosheleva 2001; Kosheleva 2006; Knyazev 2009. LOC: Zagvazdino, Abakshikha, Yakovlevka, Firstovo, Grinevichi, Samsonovo, Tara, Atak, Keizes, Petropavlovka, Gulyai Pole, Knyazevo, Pautovka, Pavlodarovka, Politotdel, Davydovka, Omsk. FP: VI-VIII.

## Satyridae

Elymniinae

946. *Lasiommata maera* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 1999; Kosterin et al. 2007; Knyazev 2009. LOC: Kushma, Samsonovo, Petropavlovka, Gulyai Pole, Linevo, Pautovka, Lesnoye, Krasnoyarka, Podgorodka, Davydovka, Luzino, Omsk. FP: VI-VII.
947. *Lasiommata petropolitana* (Fabricius, 1787) – REF: Kosterin 1998; Knyazev 2009. LOC: Petropavlovka, Chernoluchye. FP: V-VI.
948. *Lopinga achine* (Scopoli, 1763) – REF: Kosheleva 1999; Knyazev 2009. LOC: Kushma, Tevriz, Abakshikha, Samsonovo, Sedelnikovo, Petropavlovka, Gulyai Pole, Knyazevo, Lesnoye, Koshkul`, Krasnoyarka. FP: VI-VII.
949. *Lopinga deidamia* (Eversmann, 1851) – REF: Knyazev et al. 2017. LOC: Abakshikha, Yakovlevka. FP: VI-VII.

Satyrinae

950. *Melanargia russiae* (Esper, 1783) – REF: Tshugunov 1911, Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Sidorovka, Maryanovka, Ignatovo, Luzino, Davydovka, Omsk, Novaya Stanitsa, Leninsk, Krasnyi Oktyabr`, Atmas, Alabota. FP: VI-VIII.
951. *Coenonympha amaryllis* (Stoll, 1782) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Red Book 2015. LOC: Omsk, Novaya Stanitsa, Syropyatskoye, Kalatshinsk. FP: VI-VII.
952. *Coenonympha glycerion* (Borkhausen, 1788) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Listvyagi, Yakovlevka, Forpost; Tara, Petropavlovka, Knyazevo, Koshkul`, Lesnoye, Ignatovo, Lugovaya, Davydovka, Luzino, Omsk, Kalatshinsk, Kovalevo, Orlovka, Krasnyi Oktyabr`, Alabota, Russkaya Polyana. FP: VI-VIII.
953. *Coenonympha hero* (Linnaeus, 1761) – REF: Knyazev 2009. LOC: Orekhovo, Kushma, Sedelnikovo, Petropavlovka, Bolshiye Murly. FP: VI-VII.
954. *Coenonympha oedippus* (Fabricius, 1787) – REF: Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Gulyai Pole, Knyazevo, Politotdel, Krasno-

yarka, Chernoluchye, Lugovaya, Luzino, Omsk, Orlovka, Krasnyi Oktyabr`. FP: VI-VII.

955. *Coenonympha pamphilus* (Linnaeus, 1758) – REF: Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Petropavlovka, Bolshiye Murly, Knyazevo, Novokievskaya, Serebryanoye, Lugovaya, Davydovka, Omsk, Krutye Luki, Kulikovo, Presnovka, Lebyazhye, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Bogdanovka, Ermak, Karazyuk, Alabota, Russkaya Polyana, Khlebodarovka. FP: V-VIII.
956. *Coenonympha tullia* (Müller, 1764) – REF: Lavrov 1927; Knyazev 2009. LOC: Bolshiye Uki, Gulyai Pole, Podgorodka. FP: VI-VII.
957. *Triphysa phryne* (Pallas, 1771) – REF: Kosterin et al. 2007; Knyazev 2009. LOC: Davydovka, Ebeity, Ataichye, Ul`zhai, Krasnyi Oktyabr`, Karazyuk, Buzan. FP: V-VI.
958. *Aphantopus hyperantus* (Linnaeus, 1758) – REF: Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Tevriz, Firstovo, Samsonovo, Tara, Atak, Keizes, Petropavlovka, Knyazevo, Pavlodarovka, Koshkul`, Politotdel, Lesnoye, Krasnoyarka, Davydovka, Podgorodka, Omsk, Krasnyi Oktyabr`. FP: VI-VIII.
959. *Maniola jurtina* (Linnaeus, 1758) – REF: Kosheleva 2001; Knyazev and Kosterin 2003; Kosheleva 2006; Kosterin et al. 2007. LOC: Ust-Ishim, Tevriz, Kaingash, Listvyagi, Chebachikha, Samsonovo, Atak, Keizes, Petropavlovka, Muromtsevo, Mys, Kurganka, Gulyai Pole, Isilkul`, Berezka, Koshkul`, Pavlodarovka, Aksenovo, Chernoluchye, Davydovka, Omsk. FP: VI-VIII.
960. *Hyponephele lupina* (Costa, 1836) – REF: Kosterin and Ponomarev 2002; Knyazev 2009. LOC: Ust-Zaostrovka, Ataichye, Krasnyi Oktyabr`, Atmas, Alabota, Buzan. FP: VI-VII.
961. *Hyponephele lycaon* (Rottemburg, 1775) – REF: Lavrov 1927; Kosheleva 1999; Kosheleva 2006; Knyazev 2009. LOC: Firstovo, Tara, Atak, Petropavlovka, Knyazevo, 624 km., Maryanovka, Davydovka, Podgorodka, Omsk, Orlovka, Krasnyi Oktyabr`, Atmas, Alabota. FP: VI-VIII.
962. *Erebia aethiops* (Esper, 1777) – REF: Knyazev 2009. LOC: Abakshikha, Yakovlevka, Basly, Samsonovo, Keizes, Petropavlovka. FP: VI-VIII.
963. *Erebia ligea* (Linnaeus, 1758) – REF: Knyazev 2009. LOC: Listvyagi, Chebachikha, Abakshikha, Yakovlevka, Firstovo, Samsonovo, Petropavlovka. FP: VI-VIII.
964. *Proterebia afra* (Fabricius, 1787) – REF: Kosterin and Ponomarev 2002; Knyazev 2009. LOC: Davydovka, Ust-Zaostrovka, Ebeity, Krasnyi Oktyabr`, Alabota, Buzan, Karatal. FP: V-VI.
965. *Oeneis jutta* (Hübner, 1806) – REF: Knyazev et al. 2011; Red Book 2015. LOC: Basly, Gulyai Pole. FP: VI.
966. *Oeneis tarpeia* (Pallas, 1771) – REF: Lavrov 1922; Vnukovsky 1926; Lavrov 1927; Knyazev 2009. LOC: Serebryanoye, Knyazevo, Lesnoye, Lugovaya, Davydovka, Omsk, Krutye Luki, Kulikovo, Presnovka, Lebyazhye, Ebeity, Krasnyi Oktyabr`, Ermak, Khlebodarovka. FP: V-VI.
967. *Satyrus dryas* (Scopoli, 1763) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: Bolshiye Uki, Samsonovo, Atak,

Petropavlovka, Serebryanoye, Knyazevo, Pautovka, Sidorovka, Politotdel, Davydovka, Podgorodka, Omsk, Novaya Stanitsa, Syropyatskoye, Krasnyi Oktyabr`. FP: VI-VIII.

968. *Arethusana arethusa* ([Denis & Schiffermüller], 1775) – REF: Kosterin 1998; Kosterin and Ponomarev 2002; Knyazev 2009. LOC: Davydovka, Omsk, Fadino, Ust-Zaostrovka, Amrinskaya Balka, Krasnyi Oktyabr`, Mikhailovka, Alabota, Buzan. FP: VII-VIII.
969. *Hipparchia autonoe* (Esper, 1783) – REF: Tshugunov 1911; Vnukovsky 1926; Lavrov 1927; Kosheleva 1999; Knyazev 2009. LOC: 624 km., Chernoluchye, Davydovka, Omsk, Kalatshinsk, Leninsk, Sholacksor, Krasnyi Oktyabr`, Atmas, Alabota. FP: VI-VIII.
970. *Chazara briseis* (Linnaeus, 1764) – REF: Tshugunov 1911; Lavrov 1927; Knyazev 2009. LOC: Maryanovka, Davydovka, Omsk, Syropyatskoye, Kalatshinsk, Ebeity, Ul`zhai, Krasnyi Oktyabr`, Atmas, Alabota. FP: VII-IX.
971. *Chazara persephone* (Hübner, 1805) – REF: Kosterin 1998. LOC: Omsk. FP: VI-VII.
972. *Pseudochazara hippolyte* (Esper, 1784) – REF: Lavrov 1927; Knyazev 2009. LOC: Omsk, Krasnyi Oktyabr`, Ermak, Alabota. FP: VI-VIII.

**Doubtful and erroneously records:**

*Synopsia strictaria* Lederer, 1853 – REF: Knyazev et al. 2010a. Misidentification of dark and damaged specimen of *Synopsia sociaria*.
*Dysstroma latefasciata* (Staudinger, 1892) – REF: Knyazev et al. 2010a. Misidentification of *Dysstroma truncata*.
*Macrochilo cribrumalis* (Hübner, 1793) – REF: Knyazev et al. 2019. Misidentification of Crambid-moth *Calamatropha paludella* (Hübner, 1824).
*Cucullia amota* Alphéraky, 1887 – REF: Knyazev et al. 2012. Misidentification of *Cucullia dracunculi*.
*Amuriana schrenckii* (Ménétriés, 1859) – REF: Kosterin et al. 2007. The single find, probably an imported specimen.
*Melitaea diamina* (Lang, 1789) – REF: Lavrov 1927. Probably, misidentification of *M. britomartis*. No one modern find of *M. diamina* on the territory of the West Siberian Plain. Also no specimens from West Siberia presented in museums and private collections.

## Conclusion

This is the first comprehensive catalog of the Macrolepidoptera fauna for the Western Siberia. Nowadays, only new finds of Lepidoptera are listed in publications dedicated to individual families or groups of macro-lepidoptera (Dubatolov and Zolotarenko 1990; Dubatolov 2013; Knyazev 2015; Knyazev and Zuban` 2016, 2019; Sviridov and

Sitnikov 1995; Vasilenko 2002, 2003; Ivonin et al. 2009, 2011, 2013, 2016; Titov et al. 2017) for the neighboring regions (Tyumen, Tomsk, Novosibirsk, Pavlodar, and North Kazakhstan Oblasts),. We stated that the territory of the Omsk Oblast is one of the most well-studied regions of Siberia in relation to the Macrolepidoptera fauna. However, this list is not final and should be updated. We assumed that about 110 Macrolepidoptera species can be added to the list with some rare and local species from the steppe and forest-steppe zones we were not able to find in the Omsk Oblast, but these species were reported from the neighboring regions of Russia and Kazakhstan.

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## References

Afonskaya NA (1966) Listogryzushiye sovki – vrediteli propashnyh kultur, ih parazity v usloviyah Omskoi oblasti. In: Fauna I ekologiya chlenistonogih Sibiri. Nauka, Novosibirsk, 7-11. (In Russian)

Bei-Bienko GYa (1928) Obzor nasekomykh, vredyashikh korneplodam v Omskom okruge. Trudy Sibirskogo instituta selskogo khozyaistva I lesovodstva 10: 1-25. (In Russian)

Dubatolov VV, Zolotarenko GS (1990) K faune medveditseobraznykh cheshuekrylyh (Lepidoptera: Nolidae, Arctiidae) Zapadno-Sibirskoi ravniny. In: Chlenostonogie I gelminty. Nauka, Novosibirsk, 122-139. (In Russian)

Dubatolov VV (2013) Nochnye cheshuekrylye (Lepidoptera). In: Dinamika ekosistem Novosibirskogo Akademgorodka. Izdatelstvo SO RAN, Novosibirsk, 229-257. (In Russian)

Efetov KA, Knyazev SA (2014) New records of *Jordanita* (*Roccia*) *volgensis* (Möschler, 1862) (Lepidoptera: Zygaenidae, Procridinae) from Siberia (Russia) and Ukraine. Entomologist`s Gazette 65: 175-178.

Erschoff N (1870) Note surles lepidopteres de la Siberia occidentale. Bulletin de la Societe imperiale des naturalistes de Moscou. 43(2): 218-420.

Ivonin VV, Dubatolov VV, Knyazev SA (2013) New data on the Macroheterocera fauna (Lepidoptera) of the south-eastern part of West Siberia. Euroasian Entomological Journal 12(4): 407-414. (In Russian)

Ivonin VV, Kosterin OE, Nikolaev SL (2009) Butterflies (Lepidoptera, Diurna) of Novosibirsk Province, Russia. 1. Hesperiidae, Papilionidae, Pieridae. Euroasian Entomological Journal 8(1): 85-104. (In Russian)

Ivonin VV, Kosterin OE, Nikolaev SL (2011) Butterflies (Lepidoptera, Diurna) of Novosibirskaya Oblast, Russia. 2. Lycaenidae. Euroasian Entomological Journal 10(2): 217-242. (In Russian)

Ivonin VV, Kosterin OE, Nikolaev SL (2013) Butterflies (Lepidoptera, Diurna) of Novosibirskaya Oblast, Russia. 3. Nymphalidae (without Satyrinae). Euroasian Entomological Journal 12(2): 177-199. (In Russian)

Ivonin VV, Kosterin OE, Nikolaev SL (2016) Butterflies (Lepidoptera, Diurna) of Novosibirskaya Oblast, Russia. 4. 4. Nymphalidae, Satyrinae, and general discussion. Euroasian Entomological Journal 15(2): 143-158. (In Russian)

Knyazev SA, Kosterin OE (2003) New records of nemoral butterflies Apatura iris L., 1758 and Maniolia jurtina L., 1758 in West Siberia and their probable zoogeographical significance. Euroasian Entomological Journal 2(3): 193-194. (In Russian)

Knyazev SA (2009) Butterflies (Lepidoptera, Diurna) of Omsk Province, Russia. Euroasian Entomological Journal 8(4): 441-461. (In Russian)

Knyazev SA (2016) Fauna Lepidoptera research result during Pallas-expedition in Omsk Province. In: Borkin LYa, Knyazev SA, Nikonova VG, Solovyov AA. 245 years after expediton of academition Peter Simon Pallas on the territory of Omsk Province. Harvest. Omsk. 31-34. (In Russian)

Knyazev SA (2015) A list of lepidopterans (Insecta, Lepidoptera) of North Kazakhstan. Amurian zoological journal 7(4): 325–331. (In Russian)

Knyazev SA, Zuban' IA (2016) A list of lepidopterans (Insecta, Lepidoptera) of North Kazakhstan. Part 2. Amurian zoological journal 8(3): 199–208. (In Russian)

Knyazev SA, Zuban' IA (2019) A list of lepidopterans (Insecta, Lepidoptera) of North Kazakhstan. Part 3. Acta Zoologica Sibirica 5(1): 133-140 (In Russian)

Knyazev SA, Vasilenko SV, Ponomarev KB, Teploukhov VYu, Rogalev VV (2010a) To the fauna of Geometrid-moths (Lepidoptera, Geometridae) of Omsk Province. An annotated check-list. Omsk Biological School 6: 2-26. (In Russian)

Knyazev SA, Ponomarev KB, Abramov VA, Sitnikov PS (2010b). The new findings of *Eversmannia exornata* (Eversmann, 1837) (Lepidoptera: Epiplemidae) in West Siberia. *Eversmannia*. Entomological research in Russia and adjacent regions 21-22: 98. (In Russian)

Knyazev SA, Dubatolov VV, Ponomarev KB, Teploukhov VYu, Kholodov ON, Rogalev VV, Maranik VV (2010c). Noctuids (Lepidoptera, Noctuidae) of Omsk Province. Amurian Zoological Journal 2(2): 148-183. (In Russian)

Knyazev SA, Ponomarev KB, Teploukhov VYu, Kholodov ON, Maranik VV (2010d). Macroheterocera (excluding Geometridae and Noctuidae) (Insecta, Lepidoptera) of Omsk Province, Russia. Altaian Zoological Journal 4: 33-51. (In Russian)

Knyazev SA, Teploukhov VYu, Rogalev VV (2011). The new and interesting records of butterflies and moths (Lepidoptera) in Omsk Province. Eversmannia. Entomological research in Russia and adjacent regions 25-26:75-80. (In Russian)

Knyazev SA, Rogalev VV, Ponomarev KB (2012). Additions and corrections to the fauna Lepidoptera of Omsk Province. Eversmannia. Entomological research in Russia and adjacent regions 29-30: 81-85. (In Russian)

Knyazev SA, Rogalev VV, Ponomarev KB, Teploukhov VYu (2013) New records of butterflies and moths (Lepidoptera) in Omsk Province. Eversmannia. Entomological research in Russia 36: 42-46. (In Russian)

Knyazev SA, Ivonin VV, Dubatolov VV, Vasilenko SV, Ponomarev KB (2015a) New records of Lepidoptera from the South of West Siberia. Amurian Zoological Journal 7(1): 43-50. (In Russian)

Knyazev SA, Mironov VG (2015) New species of the pugs (Lepidoptera, Geometridae: Eupithecia) for Southern part of West Siberia, Russia. Euroasian Entomological Journal 14(2): 139-141. (In Russian)

Knyazev SA, Efetov KA, Ponomarev KB (2015) Zygaenidae (Lepidoptera) from Omsk Region. Zoological Journal 94(11): 1297-1302. (In Russian)

Knyazev SA, Ivonin VV, Vasilenko SV (2016) New and interesting findings of butterflies and moths (Insecta, Lepidoptera) in Omsk and Novosibirsk Provinces. Amurian Zoological Journal 8(4): 254-272. (In Russian)

Knyazev SA, Ivonin VV, Sinev SYu, Lvovsky AL, Dubatolov VV, Vasilenko SV, Ustjuzhanin PYa, Ponomaryov KB, Sal`nik AA (2017) New records of Lepidoptera from the South of West Siberian Plain. Ukrainian Journal of Ecology 7(4): 169–173. doi: 10.15421/2017_177

Knyazev SA, Ivonin VV, Ustjuzhanin PYa, Vasilenko SV, Rogalyov VV (2019) New data on Lepidoptera of West Siberian Plain, Russia. Far Eastern Entomologist 386: 8-20. https://doi.org/10.25221/fee.386.2

Korshunov YuP (2002) Bulavousye cheshuekrylye Severnoy Azii. KMK Press. Moscow. 424 pp. (In Russian)

Kosheleva TF (1999) Dnevnye cheshuekrylye Omskoi oblasti. Izvestiya omskogo gosudarstvennogo istoriko-kraevedcheskogo muzeya 7: 22-32. (In Russian)

Kosheleva TF (2001) Zametki po izucheniyu sostava entomofauny Tarskogo I Muromtsevskogo raionov Omskoi oblasti. Priroda, prirodopolzovaniye I prirodoobustroistvo Omskogo Priirtyshya. In: Materialy 3 nauchno-prakticheskoi konferentsii. Omsk, 231-232. (In Russian)

Kosheleva TF (2006) Vidovoi sostav babochek v Bolsheukovskom raione Omskoi oblasti. In: Tarskoe Priirtyshye I problemy sohraneniya istoriko-kulturnogo naslediya malogo istoricheskogo goroda Rossii. Tara, 126-128. (In Russian)

Kosterin OE (1998) K faune dnevnyh babochek (Lepidoptera, Diurna) goroda Omska I ego blizhaishih okrestnostei. In: Biologicheskoye raznoobraziye zhivotnyh Sibiri. Tezisy dokladov konferentsii. Tomsk, 69-70. (In Russian)

Kosterin OE, Knyazev SA, Poteiko AA, Ponomarev KB, Kosheleva TF, Teploukhov VYu (2007) New records of butterflies (Lepidoptera, Rhopalocera) in Omskaya and Tomskaya Oblast`. Euroasian Entomological Journal 6(4): 473-482. (In Russian)

Kosterin OE, Ponomarev KB (2002) New data on the fauna of butterflies (Lepidoptera, Diurna) of the City of Omsk and its closest surroundings. Euroasian Entomological Journal 1(1): 111-114. (In Russian)

Kulik AA, Shvetsova AN (1940) Vrediteli selsko-khozyaistvennyh rastenii v Omskoi oblasti i borba s nimi. Omskoye gosudarstvennoe izdatelstvo. Omsk, 45 pp. (In Russian)

Lavrov SD (1922) Opredelitel babochek sredney polosy Evropeiskoi Rossii I Zapadnoi Sibiri. Trudy Zapadno-Sibirskogo Otedela Russkogo geograficheskogo obshestva 5(1): 1-88. (In Russian)

Lavrov SD (1927) Contributions of the study of the insect fauna in the environs of Omsk. Trudy Sibirskogo Instituta Sel`skogo Khozyaistva I Lesovodstva 8(3): 51-99. (In Russian)

Logatshev ED (1949) Katalog fauny Omskoi oblasti. Cheshuekrylye ili babochki. Semeistva kavalery, belyanki I nimfalidy. 4. Omsk, 7 pp. (In Russian)

Sidorov GN, Rusakov VN (Ed.) (2006) Red Book of Omsk Province. Omsk State Pedagogical University publishing house. Omsk, 460 pp. (In Russian)

Sidorov GN, Plikina NV (Ed.) (2015) Red Book of Omsk Rrovince. Second edition. Omsk State Pedagogical University publishing house. Omsk, 636 pp. (In Russian)

Shvetsova AN (1957) Zernovaya sovka v usloviyah Omskoi oblasti (Hadena anceps Bkh.). In: Materialy soveshaniya zoologov Sibiri. Novosibirsk, 80-81. (In Russian)

Sinev SYu (Ed) (2019) Catalogue of Lepidoptera of Russia. Edition 2. Zoological Institute RAS, St. Petersburg, 448 p. (In Russian)

Sviridov AV, Sitnikov PS (1995) Noctuid-moths (Lepidoptera, Noctuidae) of Tyumen Province. Actias 2(1-2): 89-104. (In Russian)

Titov SV, Volynkin AV, Dubatolov VV, Černila M, Reznichenko SM, Bychkov VS (2017) Noctuoid moths (Lepidoptera: Erebidae, Nolidae, Noctuidae) of North-East Kazakhstan (Pavlodar Region). Ukrainian Journal of Ecology 7(2): 142–164.

Tshugunov SM (1911) Cheshuekrylye, sobrannye v zapadnom otdele Barabinskoi stepi v 1899 i 1907 godakh. Russkoye Entomologicheskoye Obozreniye 11(3): 328-344. (In Russian)

Vasilenko SV (2002) The geometer-moths (Lepidoptera, Geometridae) of the North Kulunda steppe. Communication 2. Euroasian Entomological Journal 1(2): 133-140. (In Russian)

Vasilenko SV (2003) Some interesting records of geometer-moths (Lepidoptera, Geometridae) from Siberia. Euroasian Entomological Journal 2(4): 305-308. (In Russian)

Vasilenko SV (2006) Geometer-moth (Lepidoptera, Geometridae) of the forest-steppe zone of the West-Siberian Plain. Euroasian Entomological Journal 5(3): 215-219. (In Russian)

Vasilenko SV, Ivonin VV (2012) New records of rare geometer moths (Lepidoptera, Geometridae) in Novosibirskaya Oblast. Amurian Zoological Journal 4(1): 50-53. (In Russian)

Vnukovsky VV (1926) K lepidopterofaune okrestnostei goroda Omska. Materialy k lepidopterofaune Zapadnoi I Srednei Sibiri I sopredelnyh vostochnyh oblastei Kirgizskogo kraya. Izvestiye Tomskogo gosudarstvennogo Universiteta 77(2): 134-157. (In Russian)

Vnukovsky VV (1930) Nekotorye novye dannye po entomofaune Omskogo okruga. Izvestiya Zapadno-Sibirskogo geograficheskogo obshestva 7: 181-187. (In Russian)

Yakovlev RV (2004) Carpenter-moths (Lepidoptera, Cossidae) of Siberia. Euroasian Entomological Journal 3(2): 155-163. (In Russian)

Zolotarenko GS (1970) Podgryzayushiye sovki Zapadnoi Sibiri (Lepidoptera, Agrotinae). Nauka, Novosibirsk, 436 pp. (In Russian)

Zolotarenko GS, Dubatolov VV (2000) A check-list of Noctuidae (Lepidoptera) of the Russian Part of the West- Siberian Plain. Far Eastern Entomologist 94: 1-23.